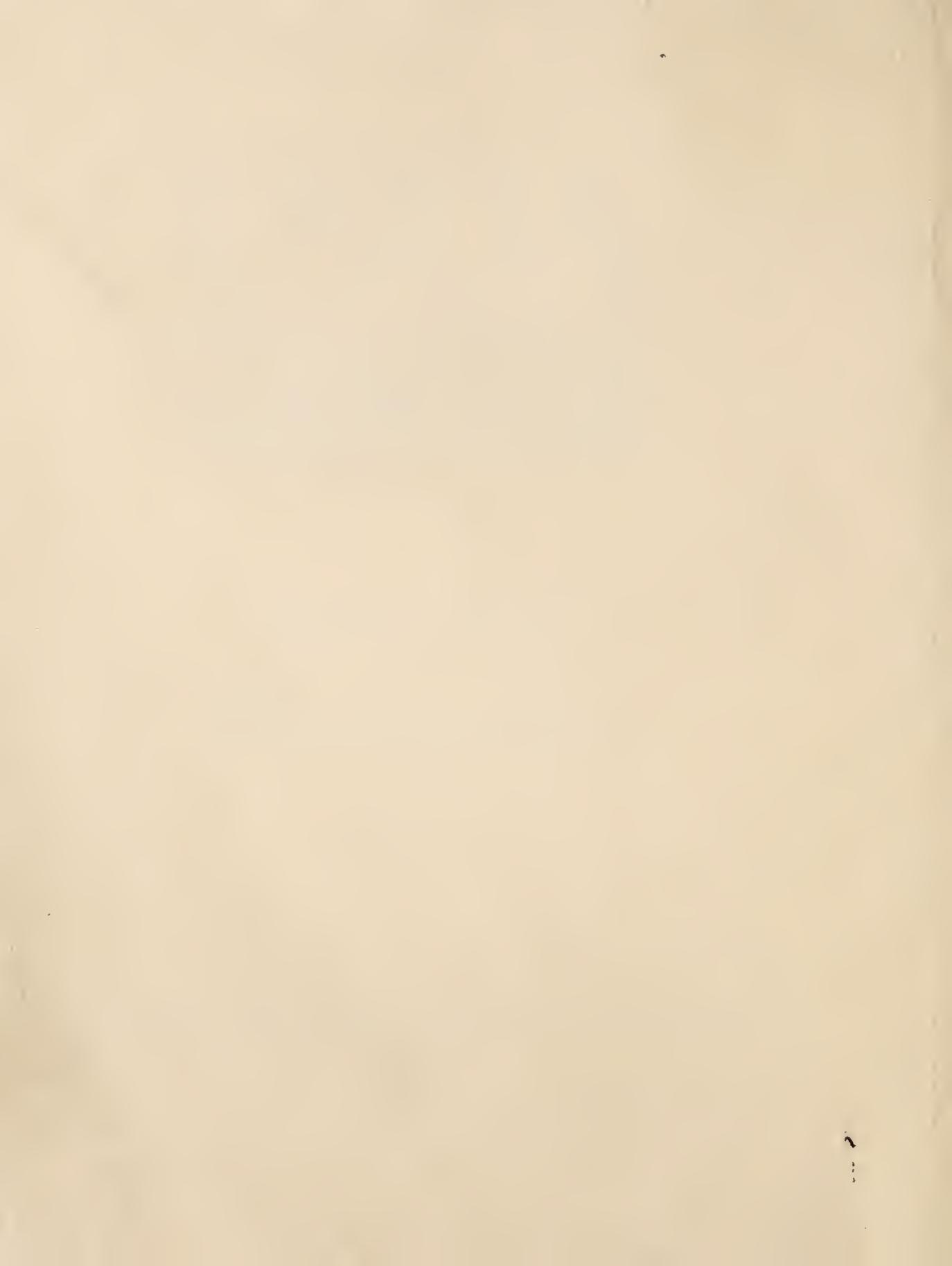


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**CROPS  
RESEARCH**

ARS 34-82

December 1966

**RESULTS OF 1965**  
**REGIONAL COTTON VARIETY TESTS**

**by Cooperating Agricultural Experiment Stations**

Alabama	Nevada
Arizona	New Mexico
Arkansas	North Carolina
California	Oklahoma
Georgia	South Carolina
Louisiana	Tennessee
Mississippi	Texas
Missouri	

JAN 10 1967

COMMERCIAL RECORDS

Agricultural Research Service  
U. S. DEPARTMENT OF AGRICULTURE



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Mention of trade names does not  
constitute their endorsement by  
the U.S. Department of Agriculture.

Prepared in

Cotton and Cordage Fibers Research Branch  
Crops Research Division  
Agricultural Research Service  
U.S. Department of Agriculture

### Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station	Florence, S.C.
Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Alabama Agricultural Experiment Station	Auburn, Ala.
Sand Mountain Substation	Crossville, Ala.
Mississippi Agricultural Experiment Station	State College, Miss.
West Tennessee Agricultural Experiment Station	Jackson, Tenn.

### Delta Regional Cotton Variety Test

Delta Branch Experiment Station	Stoneville, Miss.
Outlying test	Tunica, Miss.
Northeast Louisiana Experiment Station	St. Joseph, La.
Arkansas-Delta Substation	Clarkedale, Ark.
Missouri-Delta Center	Portageville, Mo.
West Tennessee Experiment Station	Fort Pillow, Tenn.

### Central Regional Cotton Variety Test

Oklahoma Agricultural Experiment Station	Stillwater, Okla.
Texas Agricultural Experiment Station	College Station, Tex.
Texas Agricultural Experiment Station:	
Coastal Bend Experiment Station (Beeville, Tex.):	
Outlying test	Nueces County, Tex.
Gulf Coast Pasture-Beef Cattle Res. Sta. (Angleton, Tex.):	
Outlying test	Brazoria County, Tex.
Lower Rio Grande Valley Research & Ext. Center	Weslaco, Tex.
Livestock and Forage Research Center	McGregor, Tex.
Southwest Branch Experiment Station	Hope, Ark.
Red River Valley Experiment Station	Bossier City, La.

### Plains Regional Cotton Variety Test

Texas Agricultural Experiment Station:	
South Plains Research and Extension Center	Lubbock, Tex.
Outlying test	Brownfield, Tex.
Livestock and Forage Research Center	McGregor, Tex.
High Plains Research Foundation	Halfway, Tex.
Irrigation Experiment Station	Altus, Okla.
Sandy Land Research Station	Mangum, Okla.
Cotton Research Station	Chickasha, Okla.

### Western Regional Cotton Variety Test

U.S. Cotton Research Station	Shafter, Calif.
Southwestern Irrigation Field Station	Brawley, Calif.
Southern Nevada Field Station	Logandale, Nev.
University of Arizona	
Cotton Research Center	Phoenix, Ariz.
Marana Experimental Farm	Marana, Ariz.
New Mexico Agricultural Experiment Station	University Park, N. Mex.
Southeastern Substation	Artesia, N. Mex.
Texas Agricultural Experiment Station:	
Far West Texas Research Station	El Paso, Tex.

## High Quality Regional Cotton Variety Test

Upper Coastal Plain Experiment Station	Rocky Mount, N.C.
Pee Dee Experiment Station (2 tests)	Florence, S.C.
Coastal Plain Experiment Station	Tifton, Ga.
Georgia Agricultural Experiment Station	Experiment, Ga.
Tennessee Valley Substation	Bella Mina, Ala.
Northeast Louisiana Experiment Station	St. Joseph, La.
Delta Branch Experiment Station	Stoneville, Miss.
Delta Center, Missouri Experiment Station	Portageville, Mo.
Texas Agricultural Experiment Station	College Station, Tex.
West Tennessee Agricultural Experiment Station	Fort Pillow, Tenn.
Southeast Branch Experiment Station	Rohwer, Ark.

## Pima Regional Cotton Variety Test

University of Arizona:	
Cotton Research Center	Phoenix, Ariz.
Outlying tests, Bennett Farm	Peoria, Ariz.
Curtis Farm	Safford, Ariz.
Pace Farm	Safford, Ariz.
Marana Experiment Station	Marana, Ariz.
New Mexico Agricultural Experiment Station:	
Outlying tests, Ginther Farm	University Park, N. Mex.
Rickman Farm	Lamesa, N. Mex.
Texas Agricultural Experiment Station:	
Far West Texas Research Station	El Paso, Tex.
Outlying tests, Maros Farm	Fabens, Tex.
Hoover Farm	Tornillo, Tex.
Trans-Pecos Experiment Station	Pecos, Tex.

## DESIGN AND ANALYSIS

Data for the Regional Cotton Variety Tests are drawn from selected locations involved in the variety testing programs of 15 State agricultural experiment stations. For this reason, details of design, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

The operations and measurements required for the development of data on yield and such other agronomic characters as boll size and lint percentage were performed by personnel at the cooperating stations. Fiber samples were sent to the U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md., and analyzed with electronic computers by Biometrical Services of the ARS.

The number of replications for yield data ranged from four to eight, but a great majority of tests had six replications from each variety at all stations. Boll, seed, fiber, and spinning data were based on two replications from each variety at all stations. A randomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple range method at the 0.05 level of probability.

## EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Yield

The mean production of the plots harvested, expressed in pounds of lint per acre.

Boll Size	(a) Average weight, in grams, per boll of seed cotton.  (b) The number of bolls of seed cotton required to weigh 1 pound.
Lint percent	The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.
Seed index	The weight of 100 seed, in grams.
Span length	Length measured on the digital fibrograph. The distance spanned by a specified percentage of the fibers in the test specimen where the initial starting point of the scanning in the test is considered 100 percent.
50 percent span length	The length in inches in the test specimen spanned by 50 percent of the fibers scanned at the initial starting point.
2.5 percent span length	The length in inches on the test specimen spanned by 2.5 percent of the fibers scanned at the initial starting point. The 2.5 percent span length approximates classer's samples.
22's	The yarn strength of 22's (actually 27 tex) as determined from a small scale (50 g.) test.
Colorimeter measurements	These were determined by the Nickerson-Hunter Colorimeter (Spinlab model).
Reflectance ( $R_d$ )	$R_d$ is a measure of the percentage of reflectance; the higher the value, the lighter is the cotton.
Yellowness (+b)	Hunter's +b value is a measure of increasing yellowness of the cotton.
Micronaire	The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) Micronaire units.
Drawing sliver length	Length measured on the Servo Fibrograph from samples taken from the second drawing sliver.
UHM (Upper half mean)	The length, in inches of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple and also 2.5 percent span length.
Mean	The average length, in inches, of all fibers longer than 1/4 inch.
$T_0$	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams per tex.
Tex	A measuring unit for fibers, filaments, and yarns based on weight in grams of 100,000 meters of fiber or yarn (a tex equals 10 grex).

T<sub>1</sub>

The fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8 inch spacer. Strength is expressed in terms of grams per tex.

E<sub>1</sub>

The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for T<sub>1</sub> strength on the Stelometer.

Arealometer measurements:

A

"A" is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material.

D

Difference between the value of the specific area determined at high pressure (A<sub>H</sub>) and the value of the specific area determined at standard pressure (the "A" measured above). "D" is presumably a measure of the flatness of the fiber ribbon; i.e., the higher the "D" value, the more ribbonlike are the fibers.

Letters following means

Means followed by the same letter cannot be considered significantly different at the 0.05 level of probability.

#### TEST RESULTS

The test results are presented in a series of tables designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1965. No interpretation of these data, other than the indication of significant difference among means based on the analysis of variance, is presented in this publication.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each individual station.

In the regional summaries, each character is ranked separately in descending order and the significant difference among means is indicated. For easy examination, the mean performance of a variety for all measurements was retabulated into a single table for each region.

The mean performance of the stations, within each region, is also presented.

1965 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	BOLL SIZE																	
	YIELD			GRAM			NO.			LINT			SEED			SPAN LENGTH		
	LB. LINT			PER			PER			PCT.			INDEX			• 50 2.5 • 22'S		
	• PER ACRE		• BOLL		• LB.		•		•		•		• PCT.		PCT.		•	
CAROLINA QUEEN	946	A	6.58	70	39.7	11.0	.51	1.09	121									
AUBURN M	930	AB	6.99	65	37.4	12.4	.51	1.07	117									
STONEVILLE 213	925	AB	6.04	76	39.5	10.3	.50	1.06	117									
COKER 100A	921	AB	6.50	70	38.9	10.9	.52	1.11	120									
DIXIE KING II	915	AB	7.52	61	39.3	11.3	.49	1.05	115									
DEKALB 108	906	ABC	6.87	67	38.0	11.2	.51	1.09	121									
STONEVILLE 7A	905	ABC	6.22	74	39.6	10.9	.52	1.11	120									
AUBURN 56	902	ABC	6.64	69	36.6	11.4	.50	1.06	117									
REX SMOOTHLEAF	880	ABC	7.11	64	37.8	12.2	.49	1.07	116									
DELTAPINE S.L.	865	BC	5.74	80	39.1	9.7	.51	1.10	122									
EMPIRE WR-61	847	C	7.97	58	37.8	12.9	.49	1.08	119									

LOCATIONS COMBINING VARIETIES

LOCATION	BOLL SIZE																	
	YIELD			GRAM			NO.			LINT			SEED			SPAN LENGTH		
	LB. LINT			PER			PER			PCT.			INDEX			• 50 2.5 • 22'S		
	• PER ACRE		• BOLL		• LB.		•		•		• PCT.		PCT.		•		•	
JACKSON, TENN.	1066		6.50	70	36.5	11.6	.49	1.11	124									
ST. COL., MISS.	828		7.69	60	36.4	12.6	.51	1.11	123									
SAND MT., ALA.	1132		6.83	67	42.6	11.5	.52	1.07	111									
AUBURN, ALA.	1091		7.13	64	39.5	11.2	.52	1.11	117									
EXPERIMENT, GA.	737		6.78	68	38.7	10.7	.50	1.06	114									
TIFFON, GA.	821		5.85	79	38.6	9.7	.48	1.02	116									
FLORENCE, S.C.	843		7.21	64	37.6	12.5	.53	1.15	119									
ROCKY MT., N.C.	713		5.96	77	38.2	10.5	.49	1.03	125									

BOLL SIZE, GRAM PER BOLL

EMPIRE WR-61	7.97	A
DIXIE KING II	7.52	B
REX SMOOTHLEAF	7.11	C
AUBURN M	6.99	CD
DEKALB 108	6.87	D
AUBURN 56	6.64	E
CAROLINA QUEEN	6.58	E
COKER 100A	6.50	E
STONEVILLE 7A	6.22	F
STONEVILLE 213	6.04	F
DELTAPINE S.L.	5.74	G

BOLL SIZE, NO. PER LB.

DELTAPINE S.L.	80	A
STONEVILLE 213	76	B
STONEVILLE 7A	74	C
COKER 100A	70	D
CAROLINA QUEEN	70	D
AUBURN 56	69	D
DEKALB 108	67	E
AUBURN M	65	EF
REX SMOOTHLEAF	64	F
DIXIE KING II	61	G
EMPIRE WR-61	58	H

1965 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	•	•	DRAWING	•	STELOMETER			•	AREALO-	•	COLORI-										
	•	•	MICRO-	•	SLIVER	•	•	•	METER	•	METER										
	•	•	NAIRE	•	UHM	•	MEAN	•	T0	•	T1	•	E1	•	A	•	D	•	RD	•	B
CAROLINA QUEEN	4.60	1.14	.95	36.2	18.1	7.6	444	38	75	8.7											
AUBURN M	4.30	1.11	.93	33.9	17.5	8.8	467	48	76	8.7											
STONEVILLE 213	4.80	1.10	.93	34.2	17.7	9.0	441	38	76	8.8											
COKER 100A	4.50	1.15	.96	34.5	17.7	8.1	453	40	76	8.6											
DIXIE KING II	4.30	1.09	.90	36.0	17.1	7.3	456	38	75	8.6											
DEKALB 108	4.40	1.13	.94	34.9	17.5	8.4	464	41	76	8.5											
STONEVILLE 7A	4.70	1.15	.95	37.1	18.3	7.2	439	35	76	8.7											
AUBURN 56	4.30	1.09	.91	34.0	17.8	8.9	464	49	76	8.6											
REX SMOOTHLEAF	4.10	1.12	.93	34.7	17.0	8.1	472	48	76	8.5											
DELTAPINE S.L.	4.50	1.13	.93	34.0	18.5	10.7	452	38	77	8.5											
EMPIRE WR-61	4.10	1.12	.93	36.1	17.4	7.5	475	46	76	8.5											

LOCATIONS COMBINING VARIETIES

LOCATION	•	•	DRAWING	•	STELOMETER			•	AREALO-	•	COLORI-										
	•	•	MICRO-	•	SLIVER	•	•	•	METER	•	METER										
	•	•	NAIRE	•	UHM	•	MEAN	•	T0	•	T1	•	E1	•	A	•	D	•	RD	•	B
JACKSON, TENN.	4.10	1.16	.98	37.6	18.9	7.8	478	46	75	8.3											
ST. COL., MISS.	4.00	1.16	.96	35.7	17.5	7.8	478	49	73	8.4											
SAND MT., ALA.	5.10	1.11	.94	33.8	17.2	8.9	427	34	78	8.8											
AUBURN, ALA.	4.50	1.12	.93	33.1	17.6	8.8	449	40	78	9.0											
EXPERIMENT, GA.	4.40	1.09	.90	33.8	17.1	8.3	458	50	74	9.3											
TIFTON, GA.	4.50	1.06	.88	34.5	17.2	8.0	453	36	75	8.4											
FLORENCE, S.C.	4.70	1.19	.97	34.1	17.7	8.5	445	36	78	8.1											
ROCKY MT., N.C.	4.20	1.08	.89	37.8	18.5	8.5	469	42	77	8.6											

LINT PCT.

CAROLINA QUEEN	39.7	A
STONEVILLE 7A	39.6	A
STONEVILLE 213	39.5	AB
DIXIE KING II	39.3	AB
DELTAPINE S.L.	39.1	AB
COKER 100A	38.9	B
DEKALB 108	38.0	C
REX SMOOTHLEAF	37.8	C
EMPIRE WR-61	37.8	C
AUBURN M	37.4	C
AUBURN 56	36.6	D

SEED INDEX

EMPIRE WR-61	12.9	A
AUBURN M	12.4	B
REX SMOOTHLEAF	12.2	B
AUBURN 56	11.4	C
DIXIE KING II	11.3	C
DEKALB 108	11.2	CD
CAROLINA QUEEN	11.0	D
COKER 100A	10.9	D
STONEVILLE 7A	10.9	D
STONEVILLE 213	10.3	E
DELTAPINE S.L.	9.7	F

1965 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.

COKER 100A	.52 A
STONEVILLE 7A	.52 A
DELTAPINE S.L.	.51 AB
CAROLINA QUEEN	.51 AB
DEKALB 108	.51 AB
AUBURN M	.51 AB
AUBURN 56	.50 BC
STONEVILLE 213	.50 BC
DIXIE KING II	.49 C
EMPIRE WR-61	.49 C
REX SMOOTHLEAF	.49 C

SPAN LENGTH, 2.5 PCT.

COKER 100A	1.11 A
STONEVILLE 7A	1.11 A
DELTAPINE S.L.	1.10 AB
CAROLINA QUEEN	1.09 BC
DEKALB 108	1.09 BC
EMPIRE WR-61	1.08 CD
REX SMOOTHLEAF	1.07 DE
AUBURN M	1.07 DE
AUBURN 56	1.06 EF
STONEVILLE 213	1.06 EF
DIXIE KING II	1.05 F

22'S

DELTAPINE S.L.	122 A
CAROLINA QUEEN	121 A
DEKALB 108	121 A
COKER 100A	120 A
STONEVILLE 7A	120 A
EMPIRE WR-61	119 AB
AUBURN 56	117 BC
AUBURN M	117 BC
STONEVILLE 213	117 BC
REX SMOOTHLEAF	116 BC
DIXIE KING II	115 C

MICRONAIRE

STONEVILLE 213	4.80 A
STONEVILLE 7A	4.70 AB
CAROLINA QUEEN	4.60 BC
COKER 100A	4.50 CD
DELTAPINE S.L.	4.50 CD
DEKALB 108	4.40 CD
AUBURN 56	4.30 DE
DIXIE KING II	4.30 DE
AUBURN M	4.30 DE
EMPIRE WR-61	4.10 E
REX SMOOTHLEAF	4.10 E

DRAWING SLIVER, UHM

COKER 100A	1.15 A
STONEVILLE 7A	1.15 A
CAROLINA QUEEN	1.14 AB
DELTAPINE S.L.	1.13 ABC
DEKALB 108	1.13 ABC
EMPIRE WR-61	1.12 BCD
REX SMOOTHLEAF	1.12 BCD
AUBURN M	1.11 CD
STONEVILLE 213	1.10 DE
AUBURN 56	1.09 E
DIXIE KING II	1.09 E

DRAWING SLIVER, MEAN

COKER 100A	.96 A
STONEVILLE 7A	.95 AB
CAROLINA QUEEN	.95 AB
DEKALB 108	.94 AB
DELTAPINE S.L.	.93 BC
EMPIRE WR-61	.93 BC
REX SMOOTHLEAF	.93 BC
AUBURN M	.93 BC
STONEVILLE 213	.93 BC
AUBURN 56	.91 CD
DIXIE KING II	.90 D

STELOMETER - T0

STONEVILLE 7A	37.1 A
CAROLINA QUEEN	36.2 B
EMPIRE WR-61	36.1 B
DIXIE KING II	36.0 B
DEKALB 108	34.9 C
REX SMOOTHLEAF	34.7 CD
COKER 100A	34.5 CD
STONEVILLE 213	34.2 CD
AUBURN 56	34.0 D
DELTAPINE S.L.	34.0 D
AUBURN M	33.9 D

STELOMETER - T1

DELTAPINE S.L.	18.5 A
STONEVILLE 7A	18.3 A
CAROLINA QUEEN	18.1 AB
AUBURN 56	17.8 BC
COKER 100A	17.7 BC
STONEVILLE 213	17.7 BC
DEKALB 108	17.5 CD
AUBURN M	17.5 CD
EMPIRE WR-61	17.4 CD
DIXIE KING II	17.1 D
REX SMOOTHLEAF	17.0 D

1965 EASTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

STELOMETER - E1

DELTAPINE S.L.	10.7	A
STONEVILLE 213	9.0	B
AUBURN 56	8.9	B
AUBURN M	8.8	B
DEKALB 108	8.4	C
COKER 100A	8.1	C
REX SMOOTHLEAF	8.1	C
CAROLINA QUEEN	7.6	D
EMPIRE WR-61	7.5	DE
DIXIE KING II	7.3	DE
STONEVILLE 7A	7.2	E

AREALOMETER - A

EMPIRE WR-61	475	A
REX SMOOTHLEAF	472	AB
AUBURN M	467	ABC
AUBURN 56	464	ABC
DEKALB 108	464	ABC
DIXIE KING II	456	BCD
COKER 100A	453	CD
DELTAPINE S.L.	452	CD
CAROLINA QUEEN	444	D
STONEVILLE 213	441	D
STONEVILLE 7A	439	D

AREALOMETER - D

AUBURN 56	49	A
REX SMOOTHLEAF	48	A
AUBURN M	48	A
EMPIRE WR-61	46	AB
DEKALB 108	41	BC
COKER 100A	40	CD
DELTAPINE S.L.	38	CD
DIXIE KING II	38	CD
CAROLINA QUEEN	38	CD
STONEVILLE 213	38	CD
STONEVILLE 7A	35	D

COLORIMETER - RD

DELTAPINE S.L.	77	A
AUBURN 56	76	B
COKER 100A	76	B
EMPIRE WR-61	76	B
STONEVILLE 7A	76	B
DEKALB 108	76	B
REX SMOOTHLEAF	76	B
AUBURN M	76	B
STONEVILLE 213	76	B
DIXIE KING II	75	B
CAROLINA QUEEN	75	B

COLORIMETER - B

STONEVILLE 213	8.8	A
STONEVILLE 7A	8.7	AB
CAROLINA QUEEN	8.7	AB
AUBURN M	8.7	AB
AUBURN 56	8.6	AB
COKER 100A	8.6	AB
DIXIE KING II	8.6	AB
DELTAPINE S.L.	8.5	B
EMPIRE WR-61	8.5	B
DEKALB 108	8.5	B
REX SMOOTHLEAF	8.5	B

## 1965 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH	22'S		
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	•		
	PER ACRE	BOLL	LB.	•	•	•	•	PCT.	PCT.	•

JACKSON, TENN.

CAROLINA QUEEN	1129 A	6.31	72	37.5	11.4	.52	1.13	129
AUBURN M	1121 A	6.72	68	35.8	12.4	.50	1.09	123
DIXIE KING II	1115 A	7.04	65	37.2	11.4	.47	1.07	119
STONEVILLE 7A	1092 AB	6.18	74	37.5	11.5	.51	1.15	124
STONEVILLE 213	1064 AB	6.18	74	37.7	10.8	.49	1.09	126
EMPIRE WR-61	1061 AB	7.76	59	35.6	13.4	.48	1.11	126
AUBURN 56	1058 AB	6.31	72	34.9	11.5	.49	1.09	124
REX SMOOTHLEAF	1051 AB	6.68	68	36.5	12.6	.46	1.07	119
DEKALB 108	1039 AB	6.59	69	36.0	11.3	.50	1.11	125
COKER 100A	1016 AB	6.15	74	36.3	10.6	.54	1.18	126
DELTAPINE S.L.	978 B	5.65	81	36.9	11.0	.50	1.12	125

STATE COLLEGE, MISS.

STONEVILLE 213	950 A	6.86	66	37.9	11.5	.51	1.11	120
STONEVILLE 7A	916 AB	7.06	65	38.4	12.3	.56	1.18	123
DEKALB 108	904 AB	7.89	58	35.8	12.8	.51	1.14	128
DELTAPINE S.L.	859 AB	6.48	70	36.4	10.6	.52	1.13	131
COKER 100A	832 AB	7.63	60	37.2	12.6	.54	1.15	127
AUBURN M	820 AB	7.72	59	34.6	13.9	.53	1.11	127
AUBURN 56	789 AB	7.54	60	34.9	12.6	.50	1.07	118
DIXIE KING II	777 AB	8.67	53	36.5	12.2	.48	1.05	117
CAROLINA QUEEN	768 AB	7.64	60	38.4	12.3	.53	1.12	124
EMPIRE WR-61	766 AB	9.00	51	35.5	15.0	.49	1.10	120
REX SMOOTHLEAF	734 B	8.09	56	34.8	13.5	.50	1.12	120

SAND MOUNTAIN, ALA.

AUBURN M	1189 A	7.21	63	41.5	12.9	.53	1.07	108
STONEVILLE 213	1181 A	5.98	76	43.2	10.6	.53	1.06	116
DIXIE KING II	1175 AB	7.96	57	44.2	11.5	.50	1.03	109
COKER 100A	1168 AB	6.50	70	42.9	11.6	.53	1.07	111
STONEVILLE 7A	1145 AB	6.27	73	43.0	11.1	.54	1.10	116
CAROLINA QUEEN	1143 AB	6.59	69	43.6	11.3	.52	1.10	112
AUBURN 56	1140 AB	6.49	70	40.2	11.1	.50	1.03	110
DEKALB 108	1130 AB	6.78	67	42.7	11.3	.54	1.08	118
DELTAPINE S.L.	1076 AB	5.94	77	43.2	10.2	.53	1.08	109
EMPIRE WR-61	1075 AB	8.34	55	42.8	12.9	.51	1.06	113
REX SMOOTHLEAF	1033 B	7.05	65	42.1	12.0	.52	1.07	107

AUBURN, ALA.

DEKALB 108	1173 A	7.15	64	39.1	10.9	.53	1.10	120
STONEVILLE 213	1150 AB	6.44	71	41.0	10.3	.54	1.10	116
DIXIE KING II	1146 AB	8.04	57	39.8	12.0	.50	1.06	110
COKER 100A	1137 AB	6.78	67	40.6	10.4	.52	1.13	117
STONEVILLE 7A	1125 AB	6.74	68	39.4	10.6	.52	1.13	121
CAROLINA QUEEN	1119 AB	7.00	65	39.9	10.7	.53	1.14	120
DELTAPINE S.L.	1085 AB	6.22	73	40.3	9.7	.54	1.13	119
REX SMOOTHLEAF	1060 AB	7.38	62	39.7	12.7	.52	1.10	114
AUBURN 56	1026 AB	7.31	63	37.7	11.1	.54	1.10	118
EMPIRE WR-61	994 AB	8.18	56	38.7	13.1	.53	1.13	116
AUBURN M	988 B	7.15	64	38.9	12.1	.50	1.08	112

## 1965 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	MEAN	A
	•	•	•	•

JACKSON, TENN.

CAROLINA QUEEN	4.40	1.19	1.02	39.4	19.8	7.4	463	42	75	8.5
AUBURN M	4.20	1.13	.98	37.2	18.8	8.5	486	51	74	8.3
DIXIE KING II	3.90	1.14	.94	37.9	18.0	6.7	476	44	73	8.3
STONEVILLE 7A	4.40	1.18	1.00	39.3	19.5	6.6	446	39	76	8.3
STONEVILLE 213	4.30	1.14	.97	36.5	18.9	8.6	462	49	75	8.5
EMPIRE WR-61	3.70	1.17	1.00	37.8	18.1	6.6	490	46	76	8.3
AUBURN 56	4.00	1.13	.96	37.7	19.4	8.4	478	52	74	8.3
REX SMOOTHLEAF	3.80	1.13	.94	37.4	17.5	7.4	487	52	75	8.3
DEKALB 108	4.00	1.17	.98	37.7	18.9	7.4	503	46	75	8.3
COKER 100A	3.90	1.21	1.02	36.1	19.2	7.9	498	48	74	8.3
DELTAPINE S.L.	4.30	1.17	.97	36.8	19.7	10.2	470	44	76	8.0

STATE COLLEGE, MISS.

STONEVILLE 213	4.50	1.15	.94	34.4	17.9	8.0	470	53	74	8.5
STONEVILLE 7A	4.40	1.22	1.02	37.0	18.3	7.0	447	40	74	8.8
DEKALB 108	4.30	1.19	.97	34.6	16.8	8.3	466	47	74	8.3
DELTAPINE S.L.	4.10	1.18	.97	35.8	19.0	10.2	478	48	75	8.3
COKER 100A	4.20	1.19	1.00	35.5	18.0	8.1	458	39	72	8.5
AUBURN M	4.00	1.15	.95	34.7	18.1	8.3	484	52	74	8.5
AUBURN 56	3.80	1.12	.94	34.9	17.2	8.4	477	59	73	8.3
DIXIE KING II	3.90	1.12	.92	36.4	16.4	6.8	485	53	74	8.5
CAROLINA QUEEN	4.10	1.15	.94	37.6	17.6	7.4	479	45	71	8.3
EMPIRE WR-61	3.50	1.16	.95	36.4	16.5	6.6	506	53	74	8.3
REX SMOOTHLEAF	3.50	1.17	.95	36.0	16.7	7.0	511	57	74	8.3

SAND MOUNTAIN, ALA.

AUBURN M	4.90	1.11	.94	32.0	16.6	9.2	428	39	78	8.8
STONEVILLE 213	5.50	1.11	.95	32.5	17.1	10.2	467	30	78	9.0
DIXIE KING II	5.00	1.09	.92	35.3	16.6	8.1	417	30	78	8.8
COKER 100A	5.00	1.11	.93	34.1	17.3	8.4	426	33	78	8.8
STONEVILLE 7A	5.50	1.15	.97	35.9	18.2	7.7	426	27	78	8.8
CAROLINA QUEEN	5.10	1.15	.96	35.2	18.2	8.2	415	34	78	9.0
AUBURN 56	5.10	1.07	.88	32.2	16.9	9.8	419	37	77	9.0
DEKALB 108	5.00	1.13	.96	34.0	17.1	9.1	424	34	79	8.8
DELTAPINE S.L.	5.50	1.12	.94	32.7	17.4	11.1	403	30	78	8.8
EMPIRE WR-61	4.60	1.12	.95	34.8	17.5	8.2	438	45	77	8.8
REX SMOOTHLEAF	4.60	1.13	.98	33.3	16.3	8.6	437	43	79	8.3

AUBURN, ALA.

DEKALB 108	4.40	1.12	.93	34.3	17.6	9.1	455	38	78	9.0
STONEVILLE 213	5.10	1.11	.93	32.3	17.7	9.2	416	37	79	8.8
DIXIE KING II	4.50	1.06	.88	33.3	17.6	6.9	437	33	77	9.0
COKER 100A	4.50	1.16	.97	32.5	17.3	8.5	447	47	79	9.0
STONEVILLE 7A	4.50	1.18	.98	35.2	18.4	8.1	450	39	79	9.0
CAROLINA QUEEN	4.50	1.17	.99	33.2	18.0	7.7	446	39	79	9.0
DELTAPINE S.L.	4.70	1.15	.96	30.9	17.8	11.5	442	30	79	9.0
REX SMOOTHLEAF	4.40	1.10	.90	33.0	17.4	8.8	454	44	77	9.0
AUBURN 56	4.20	1.11	.95	32.2	17.6	9.4	474	52	78	9.0
EMPIRE WR-61	4.10	1.13	.93	34.5	17.8	8.1	473	49	79	8.8
AUBURN M	4.40	1.06	.87	32.6	16.6	9.2	450	39	79	9.0

## 1965 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE							
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH	22'S
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	
	PER ACRE	BOLL	LB.			PCT.	PCT.	

EXPERIMENT, GA.

CAROLINA QUEEN	898	A	6.59	69	40.3	10.3	.50	1.06	118
COKER 100A	798	B	6.34	72	39.2	10.2	.52	1.10	115
REX SMOOTHLEAF	778	BC	7.32	62	38.6	11.3	.48	1.03	111
AUBURN 56	737	BCD	6.63	69	36.8	10.9	.48	1.04	112
DELTAPINE S.L.	718	BCD	5.51	82	38.7	9.2	.52	1.10	122
DEKALB 108	717	BCD	6.95	65	37.9	11.0	.52	1.07	115
AUBURN M	715	BCD	7.01	65	37.4	11.6	.50	1.05	112
EMPIRE WR-61	694	CD	8.51	54	39.7	12.4	.47	1.03	109
STONEVILLE 7A	693	CD	6.32	72	39.3	10.3	.52	1.10	117
DIXIE KING II	692	CD	7.38	61	39.5	10.6	.47	1.03	110
STONEVILLE 213	662	D	6.04	75	38.5	9.9	.51	1.04	111

TIFTON, GA.

CAROLINA QUEEN	891	A	5.67	80	39.9	9.3	.48	1.03	119
AUBURN M	871	AB	6.09	75	37.6	10.6	.50	1.03	116
AUBURN 56	854	AB	5.72	80	36.6	10.1	.48	1.03	112
STONEVILLE 213	841	AB	4.99	91	39.8	8.3	.47	1.00	113
DELTAPINE S.L.	833	AB	4.86	94	39.5	7.9	.48	1.04	117
COKER 100A	825	AB	5.95	77	38.5	9.8	.50	1.06	120
REX SMOOTHLEAF	804	ABC	6.40	71	37.9	10.6	.47	1.00	114
DIXIE KING II	800	ABC	6.26	73	39.0	10.1	.47	1.00	120
STONEVILLE 7A	798	ABC	5.44	84	41.0	9.4	.48	1.04	116
DEKALB 108	793	BC	6.04	76	37.7	9.7	.48	1.02	115
EMPIRE WR-61	720	C	6.90	66	37.4	11.2	.48	1.01	120

FLORENCE, S. C.

CAROLINA QUEEN	907	A	7.03	65	38.9	12.4	.54	1.17	121
DIXIE KING II	905	A	8.31	55	38.9	12.6	.53	1.13	114
AUBURN M	896	A	7.55	60	36.6	13.8	.53	1.13	118
AUBURN 56	876	AB	7.20	63	35.6	13.0	.54	1.14	119
REX SMOOTHLEAF	854	ABC	7.54	60	36.6	13.4	.53	1.15	120
COKER 100A	845	ABC	6.92	66	38.0	12.2	.53	1.18	119
EMPIRE WR-61	827	ABC	8.27	55	36.6	14.1	.51	1.14	120
STONEVILLE 213	808	BC	6.38	71	38.3	11.1	.53	1.11	117
STONEVILLE 7A	780	CD	6.36	72	39.3	11.6	.55	1.18	122
DELTAPINE S.L.	733	D	6.48	70	38.5	10.7	.54	1.16	122

ROCKY MOUNT, N. C.

AUBURN M	831	A	6.46	70	37.4	11.8	.50	1.03	125
STONEVILLE 213	822	AB	5.49	83	40.0	9.8	.49	1.02	119
COKER 100A	784	ABC	5.77	79	38.5	9.9	.50	1.04	126
DIXIE KING II	743	ABCD	6.49	70	39.5	10.3	.51	1.04	124
AUBURN 56	723	BCDE	5.91	77	36.3	11.0	.49	1.02	127
STONEVILLE 7A	709	CDE	5.44	84	38.9	10.4	.51	1.05	125
DEKALB 108	684	CDEF	6.20	73	37.9	10.4	.49	1.04	126
REX SMOOTHLEAF	670	DEF	6.41	71	36.6	11.5	.47	1.07	125
DELTAPINE S.L.	652	DEF	4.81	95	39.4	8.5	.50	1.05	130
CAROLINA QUEEN	626	EF	5.84	78	39.5	10.1	.50	1.02	127
EMPIRE WR-61	595	F	6.81	67	36.5	11.5	.49	1.03	128

## 1965 EASTERN REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			AREALO-		COLORI-		
	MICRO-	SLIVER	MEAN	TO	T1	E1	METER	A	D	RD	B
	NAIRE	UHM	MEAN	TO	T1	E1	A	D	RD	B	

EXPERIMENT, GA.

CAROLINA QUEEN	4.40	1.10	.93	34.8	17.8	7.7	443	40	75	9.0
COKER 100A	4.50	1.13	.94	32.6	17.0	8.0	439	40	76	9.0
REX SMOOTHLEAF	4.20	1.09	.90	33.4	16.6	8.3	461	55	73	9.3
AUBURN 56	4.20	1.04	.84	33.5	17.5	8.7	474	57	74	9.0
DELTAPINE S.L.	4.20	1.11	.88	33.1	18.4	11.1	475	58	75	9.0
DEKALB 108	4.30	1.11	.94	33.3	17.2	8.0	479	54	76	9.0
AUBURN M	4.20	1.09	.92	32.1	17.1	9.3	474	67	72	9.8
EMPIRE WR-61	4.60	1.10	.90	34.4	16.1	7.3	456	42	74	9.0
STONEVILLE 7A	4.70	1.12	.92	36.6	17.3	7.2	437	44	74	9.5
DIXIE KING II	4.40	1.04	.87	34.8	16.2	7.6	458	44	71	9.8
STONEVILLE 213	4.60	1.10	.92	33.3	17.3	8.4	444	48	72	9.8

TIFTON, GA.

CAROLINA QUEEN	4.70	1.07	.89	35.3	17.4	7.3	438	31	76	8.3
AUBURN M	4.10	1.07	.91	32.7	17.3	8.8	486	48	76	8.3
AUBURN 56	4.50	1.06	.89	33.0	17.2	8.6	453	44	76	8.5
STONEVILLE 213	5.00	1.02	.85	33.8	16.5	8.5	428	26	73	9.0
DELTAPINE S.L.	4.50	1.07	.88	33.4	17.9	10.1	454	36	76	8.5
COKER 100A	4.50	1.10	.92	33.5	17.5	7.4	465	36	76	8.3
REX SMOOTHLEAF	4.40	1.05	.86	34.2	16.9	7.9	459	42	76	8.8
DIXIE KING II	4.40	1.04	.86	36.1	17.1	7.2	458	30	75	8.0
STONEVILLE 7A	5.10	1.07	.90	37.5	17.8	6.5	415	24	75	8.3
DEKALB 108	4.20	1.05	.87	33.3	16.4	8.7	465	40	75	8.3
EMPIRE WR-61	4.30	1.05	.87	36.4	17.3	7.3	462	38	75	8.5

FLORENCE, S. C.

CAROLINA QUEEN	4.80	1.22	1.01	35.3	17.9	7.7	432	31	77	8.3
DIXIE KING II	4.80	1.15	.91	36.6	17.1	7.3	435	31	77	8.3
AUBURN M	4.50	1.19	.99	33.2	17.3	8.8	457	48	79	8.0
AUBURN 56	4.60	1.16	.96	30.3	17.5	9.3	457	47	78	8.3
REX SMOOTHLEAF	4.50	1.19	.97	34.2	17.4	8.4	458	36	78	8.0
COKER 100A	4.70	1.22	1.00	34.1	17.3	8.6	439	35	78	8.3
EMPIRE WR-61	4.30	1.18	.96	35.9	18.1	7.5	464	47	77	7.8
STONEVILLE 213	4.90	1.17	.98	34.0	18.5	9.5	428	33	79	8.0
STONEVILLE 7A	4.80	1.21	.98	35.7	18.6	7.6	441	31	79	8.0
DELTAPINE S.L.	4.90	1.20	.98	32.5	18.1	10.7	431	25	79	8.0

ROCKY MOUNT, N. C.

AUBURN M	4.20	1.07	.89	37.0	18.3	8.3	475	43	77	8.8
STONEVILLE 213	4.90	1.05	.88	36.7	17.9	9.4	411	32	77	9.0
COKER 100A	4.50	1.08	.92	37.6	18.2	8.0	455	41	77	9.0
DIXIE KING II	4.10	1.07	.87	37.8	18.0	7.9	486	41	77	8.3
AUBURN 56	4.10	1.07	.91	38.1	19.3	8.9	477	48	77	8.5
STONEVILLE 7A	4.60	1.08	.88	39.6	18.6	6.8	451	36	76	9.0
DEKALB 108	4.40	1.07	.88	38.0	18.7	8.2	466	36	77	8.5
REX SMOOTHLEAF	3.50	1.12	.91	36.4	17.7	8.9	512	60	75	8.3
DELTAPINE S.L.	4.30	1.09	.90	36.9	19.9	10.9	467	38	78	8.8
CAROLINA QUEEN	4.80	1.07	.90	39.0	18.6	7.6	441	40	76	9.3
EMPIRE WR-61	3.50	1.09	.90	38.5	18.2	8.7	515	53	78	8.5

1965 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	BOLL SIZE								
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH		
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	
		PER ACRE	BOLL	LB.			PCT.	PCT.	
DELTAPINE 45	1089	A	6.14	74	37.8	11.7	.51	1.09	127
STONEVILLE 213	1060	AB	6.02	76	37.8	11.1	.50	1.10	122
STONEVILLE 7A	1051	ABC	6.11	75	37.9	11.3	.52	1.14	125
DIXIE KING II	1010	ABCD	7.22	63	36.9	12.3	.49	1.09	123
DELTAPINE S.L.	1010	ABCD	6.05	75	37.1	10.3	.52	1.13	127
AUBURN 56	1002	BCD	6.24	73	34.7	12.1	.50	1.09	123
STARDEL	978	BCD	5.81	79	37.8	11.6	.50	1.11	133
CAROLINA QUEEN	976	BCD	6.36	72	37.3	12.3	.52	1.12	124
EMPIRE WR-61	976	BCD	7.83	59	35.4	13.9	.49	1.11	124
AUBURN M	975	BCD	6.89	66	35.5	12.8	.50	1.10	123
COKER 100A	968	CD	6.22	74	36.4	11.5	.51	1.15	127
REX SMOOTHLEAF	954	D	7.01	65	35.2	13.2	.50	1.10	121

LOCATIONS COMBINING VARIETIES

LOCATION	BOLL SIZE								
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH		
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	
		PER ACRE	BOLL	LB.			PCT.	PCT.	
ST. JOSEPH, LA.	1121		7.06	65	37.3	11.8	.52	1.12	129
ST. VILLE, MISS.	1077		6.83	67	35.9	12.2	.51	1.09	125
TUNICA, MISS.	820		6.09	75	33.3	12.9	.53	1.14	129
CL'DALE, ARK.	732		6.42	72	36.2	11.9	.51	1.14	131
FT. PILL., TENN.	1065		6.59	70	37.9	11.5	.48	1.07	117
PORT'VILLE, MO.	1209		5.96	77	39.4	11.8	.49	1.10	120

BOLL SIZE, GRAM PER BOLL

EMPIRE WR-61	7.83	A
DIXIE KING II	7.22	B
REX SMOOTHLEAF	7.01	B
AUBURN M	6.89	B
CAROLINA QUEEN	6.36	C
AUBURN 56	6.24	CD
COKER 100A	6.22	CD
DELTAPINE 45	6.14	CD
STONEVILLE 7A	6.11	CD
DELTAPINE S.L.	6.05	CD
STONEVILLE 213	6.02	CD
STARDEL	5.81	D

BOLL SIZE, NO. PER LB.

STARDEL	79	A
STONEVILLE 213	76	AB
DELTAPINE S.L.	75	AB
STONEVILLE 7A	75	AB
COKER 100A	74	B
DELTAPINE 45	74	B
AUBURN 56	73	B
CAROLINA QUEEN	72	B
AUBURN M	66	C
REX SMOOTHLEAF	65	C
DIXIE KING II	63	CD
EMPIRE WR-61	59	D

1965 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	DRAWING			STELOMETER			AREALO-		COLORI-	
	MICRO-	SLIVER	MEAN	T0	T1	E1	METER	METER	RD	B
	NAIRE	UHM	MEAN	•	•	•	A	D	•	•
DELTAPINE 45	4.70	1.15	.96	36.9	18.9	7.9	439	37	74	8.0
STONEVILLE 213	4.90	1.14	.96	37.1	18.6	7.5	431	34	75	8.2
STONEVILLE 7A	4.70	1.17	.97	38.6	18.2	7.2	434	29	76	7.8
DIXIE KING II	4.40	1.13	.93	38.2	18.0	6.6	452	40	75	7.7
DELTAPINE S.L.	4.90	1.18	.98	36.1	18.8	8.4	435	31	76	7.8
AUBURN 56	4.40	1.13	.95	36.6	18.2	7.9	456	36	75	8.0
STARDEL	4.70	1.14	.94	41.7	19.6	6.2	443	35	75	7.8
CAROLINA QUEEN	4.70	1.17	.97	38.1	18.7	6.9	439	37	75	8.0
EMPIRE WR-61	4.30	1.14	.94	38.0	18.0	6.8	463	44	75	7.7
AUBURN M	4.40	1.13	.95	36.8	18.3	7.7	465	41	74	8.0
COKER 100A	4.60	1.19	.98	36.5	18.3	7.4	451	36	75	7.6
REX SMOOTHLEAF	4.20	1.14	.92	36.7	17.4	7.2	466	44	75	7.8

LOCATIONS COMBINING VARIETIES

LOCATION	DRAWING			STELOMETER			AREALO-		COLORI-	
	MICRO-	SLIVER	MEAN	T0	T1	E1	METER	METER	RD	B
	NAIRE	UHM	MEAN	•	•	•	A	D	•	•
ST. JOSEPH, LA.	4.30	1.18	1.00	36.3	18.7	7.6	464	47	75	8.4
ST. VILLE, MISS.	4.90	1.14	.97	37.9	18.7	7.1	423	34	76	8.2
TUNICA, MISS.	5.10	1.19	1.00	40.8	19.3	6.5	415	23	75	7.8
CL'DALE, ARK.	4.10	1.19	.98	38.1	19.0	7.4	481	51	73	8.0
FT. PILL., TENN.	4.30	1.09	.86	35.9	17.2	7.7	463	41	75	7.7
PORT'VILLE, MO.	4.70	1.12	.89	36.7	17.4	7.5	440	26	76	6.9

LINT PCT.

STONEVILLE 7A	37.9	A
STONEVILLE 213	37.8	A
DELTAPINE 45	37.8	A
STARDEL	37.8	A
CAROLINA QUEEN	37.3	AB
DELTAPINE S.L.	37.1	ABC
DIXIE KING II	36.9	BC
COKER 100A	36.4	C
AUBURN M	35.5	D
EMPIRE WR-61	35.4	DE
REX SMOOTHLEAF	35.2	DE
AUBURN 56	34.7	E

SEED INDEX

EMPIRE WR-61	13.9	A
REX SMOOTHLEAF	13.2	B
AUBURN M	12.8	BC
DIXIE KING II	12.3	CD
CAROLINA QUEEN	12.3	CD
AUBURN 56	12.1	DE
DELTAPINE 45	11.7	DEF
STARDEL	11.6	EF
COKER 100A	11.5	EF
STONEVILLE 7A	11.3	F
STONEVILLE 213	11.1	F
DELTAPINE S.L.	10.3	G

1965 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.	SPAN LENGTH, 2.5 PCT.	22'S
DELTAPINE S.L. .52 A	COKER 100A 1.15 A	STARDEL 133 A
STONEVILLE 7A .52 A	STONEVILLE 7A 1.14 AB	COKER 100A 127 B
CAROLINA QUEEN .52 A	DELTAPINE S.L. 1.13 ABC	DELTAPINE S.L. 127 B
COKER 100A .51 AB	CAROLINA QUEEN 1.12 BCD	DELTAPINE 45 127 B
DELTAPINE 45 .51 AB	EMPIRE WR-61 1.11 CDE	STONEVILLE 7A 125 BC
AUBURN 56 .50 AB	STARDEL 1.11 CDE	EMPIRE WR-61 124 BC
STARDEL .50 AB	REX SMOOTHLEAF 1.10 DE	CAROLINA QUEEN 124 BC
REX SMOOTHLEAF .50 AB	AUBURN M 1.10 DE	AUBURN 56 123 BC
AUBURN M .50 AB	STONEVILLE 213 1.10 DE	DIXIE KING II 123 BC
STONEVILLE 213 .50 AB	AUBURN 56 1.09 E	AUBURN M 123 BC
DIXIE KING II .49 B	DIXIE KING II 1.09 E	STONEVILLE 213 122 C
EMPIRE WR-61 .49 B	DELTAPINE 45 1.09 E	REX SMOOTHLEAF 121 C

MICRONAIRE	DRAWING SLIVER, UHM	DRAWING SLIVER, MEAN
DELTAPINE S.L. 4.90 A	COKER 100A 1.19 A	COKER 100A .98 A
STONEVILLE 213 4.90 A	DELTAPINE S.L. 1.18 AB	DELTAPINE S.L. .98 A
STARDEL 4.70 B	STONEVILLE 7A 1.17 B	STONEVILLE 7A .97 AB
STONEVILLE 7A 4.70 B	CAROLINA QUEEN 1.17 B	CAROLINA QUEEN .97 AB
CAROLINA QUEEN 4.70 B	DELTAPINE 45 1.15 C	STONEVILLE 213 .96 ABC
DELTAPINE 45 4.70 B	EMPIRE WR-61 1.14 C	DELTAPINE 45 .96 ABC
COKER 100A 4.60 B	STARDEL 1.14 C	AUBURN 56 .95 ABCD
AUBURN 56 4.40 C	REX SMOOTHLEAF 1.14 C	AUBURN M .95 ABCD
DIXIE KING II 4.40 C	STONEVILLE 213 1.14 C	EMPIRE WR-61 .94 BCD
AUBURN M 4.40 C	AUBURN 56 1.13 C	STARDEL .94 BCD
EMPIRE WR-61 4.30 C	DIXIE KING II 1.13 C	DIXIE KING II .93 CD
REX SMOOTHLEAF 4.20 C	AUBURN M 1.13 C	REX SMOOTHLEAF .92 D

STELOMETER - TO	STELOMETER - T1
STARDEL 41.7 A	STARDEL 19.6 A
STONEVILLE 7A 38.6 B	DELTAPINE 45 18.9 B
DIXIE KING II 38.2 BC	DELTAPINE S.L. 18.8 B
CAROLINA QUEEN 38.1 BC	CAROLINA QUEEN 18.7 BC
EMPIRE WR-61 38.0 BC	STONEVILLE 213 18.6 BC
STONEVILLE 213 37.1 CD	COKER 100A 18.3 BC
DELTAPINE 45 36.9 D	AUBURN M 18.3 BC
AUBURN M 36.8	AUBURN 56 18.2 BC
REX SMOOTHLEAF 36.7 D	STONEVILLE 7A 18.2 BC
AUBURN 56 36.6 D	DIXIE KING II 18.0 CD
COKER 100A 36.5 D	EMPIRE WR-61 18.0 CD
DELTAPINE S.L. 36.1 D	REX SMOOTHLEAF 17.4 D

1965 DELTA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

STELOMETER - E1

DELTAPINE S.L.	8.4	A
AUBURN 56	7.9	AB
DELTAPINE 45	7.9	AB
AUBURN M	7.7	ABC
STONEVILLE 213	7.5	BCD
COKER 100A	7.4	BCD
STONEVILLE 7A	7.2	BCD
REX SMOOTHLEAF	7.2	BCD
CAROLINA QUEEN	6.9	CDE
EMPIRE WR-61	6.8	CDE
DIXIE KING II	6.6	DE
STARDEL	6.2	E

AREALOMETER - A

REX SMOOTHLEAF	466	A
AUBURN M	465	A
EMPIRE WR-61	463	AB
AUBURN 56	456	AB
DIXIE KING II	452	BC
COKER 100A	451	BC
STARDEL	443	CD
CAROLINA QUEEN	439	D
DELTAPINE 45	439	D
DELTAPINE S.L.	435	D
STONEVILLE 7A	434	D
STONEVILLE 213	431	D

AREALOMETER - D

EMPIRE WR-61	44	A
REX SMOOTHLEAF	44	A
AUBURN M	41	AB
DIXIE KING II	40	AB
CAROLINA QUEEN	37	ABC
DELTAPINE 45	37	ABC
AUBURN 56	36	BCD
COKER 100A	36	BCD
STARDEL	35	BCD
STONEVILLE 213	34	BCD
DELTAPINE S.L.	31	CD
STONEVILLE 7A	29	D

COLORIMETER - RD

DELTAPINE S.L.	76	A
STONEVILLE 7A	76	A
AUBURN 56	75	AB
COKER 100A	75	AB
DIXIE KING II	75	AB
EMPIRE WR-61	75	AB
STARDEL	75	AB
CAROLINA QUEEN	75	AB
REX SMOOTHLEAF	75	AB
STONEVILLE 213	75	AB
AUBURN M	74	B
DELTAPINE 45	74	B

COLORIMETER - B

STONEVILLE 213	8.2	A
AUBURN 56	8.0	AB
CAROLINA QUEEN	8.0	AB
AUBURN M	8.0	AB
DELTAPINE 45	8.0	AB
DELTAPINE S.L.	7.8	BC
STARDEL	7.8	BC
STONEVILLE 7A	7.8	BC
REX SMOOTHLEAF	7.8	BC
DIXIE KING II	7.7	BC
EMPIRE WR-61	7.7	BC
COKER 100A	7.6	C

## 1965 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH	22'S	
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	PCT.	
	PER ACRE	BOLL	LB.	•	•	•	•	•	•	

ST. JOSEPH, LA.

STONEVILLE 7A	1242 A	6.87	66	38.1	11.5	.54	1.16	136
STARDEL	1238 A	6.49	70	38.2	11.7	.54	1.14	138
STONEVILLE 213	1211 AB	6.62	69	38.6	11.1	.52	1.10	125
DELTAPINE 45	1168 ABC	6.55	70	38.8	11.5	.50	1.10	128
DIXIE KING II	1163 ABC	7.88	58	37.7	12.5	.53	1.11	130
CAROLINA QUEEN	1115 ABCD	7.13	64	37.4	11.6	.50	1.10	127
COKER 100A	1113 ABCD	7.05	65	37.4	11.5	.54	1.16	127
AUBURN M	1087 ABCD	7.34	62	36.6	12.9	.49	1.10	127
AUBURN 56	1085 ABCD	6.83	67	35.7	11.9	.51	1.08	126
EMPIRE WR-61	1052 BCD	8.40	55	36.5	13.0	.54	1.12	131
DELTAPINE S.L.	1018 CD	5.97	76	36.0	9.7	.53	1.14	129
REX SMOOTHLEAF	962 D	7.65	60	36.5	12.7	.53	1.12	122

STONEVILLE, MISS.

STONEVILLE 7A	1267 A	6.20	74	37.7	11.1	.53	1.13	128
STONEVILLE 213	1208 AB	6.25	73	36.9	11.5	.50	1.11	123
DELTAPINE 45	1120 BC	6.44	71	36.1	12.0	.53	1.09	129
DELTAPINE S.L.	1103 CD	6.39	71	36.6	10.8	.54	1.12	128
STARDEL	1092 CDE	6.14	74	37.9	11.7	.47	1.06	132
REX SMOOTHLEAF	1066 CDE	7.63	60	33.8	13.3	.50	1.07	118
EMPIRE WR-61	1059 CDE	8.36	55	35.6	14.1	.49	1.10	124
AUBURN M	1017 CDE	7.09	64	35.0	13.5	.50	1.07	121
COKER 100A	1009 DE	6.74	67	35.6	12.0	.52	1.13	130
AUBURN 56	1002 DE	6.75	67	33.2	12.4	.50	1.04	120
DIXIE KING II	999 DE	7.29	62	35.7	12.3	.50	1.08	120
CAROLINA QUEEN	987 E	6.65	68	36.8	12.3	.52	1.11	124

TUNICA, MISS.

STARDEL	900 A	5.71	80	34.4	12.7	.53	1.13	139
STONEVILLE 213	884 A	5.78	79	35.3	11.9	.55	1.15	130
DELTAPINE 45	851 AB	5.83	78	34.0	12.6	.53	1.11	134
STONEVILLE 7A	837 AB	5.63	81	34.7	12.2	.55	1.18	127
DIXIE KING II	826 AB	7.03	65	33.6	13.4	.53	1.12	123
AUBURN 56	822 AB	5.68	80	31.3	12.8	.51	1.11	128
DELTAPINE S.L.	816 AB	5.93	77	33.2	11.0	.54	1.18	129
AUBURN M	806 AB	6.01	76	32.6	13.9	.53	1.14	131
CAROLINA QUEEN	802 AB	6.18	74	33.8	13.5	.53	1.16	130
COKER 100A	793 AB	5.91	77	32.6	12.6	.55	1.18	130
EMPIRE WR-61	775 AB	7.19	64	31.7	14.5	.50	1.12	125
REX SMOOTHLEAF	723 B	6.20	74	32.5	14.3	.52	1.13	125

## 1965 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			AREALO-			COLORI-		
	MICRO-	SLIVER	MEAN	TO	T1	E1	METER	METER	METER	RD	B	
	NAIRE	UHM	MEAN	TO	T1	E1	A	D	D	RD	B	

ST. JOSEPH, LA.

STONEVILLE 7A	4.20	1.21	1.02	35.3	19.4	10.1	476	56	77	8.5
STARDEL	4.60	1.18	1.00	40.8	20.3	6.2	452	40	76	8.3
STONEVILLE 213	4.80	1.16	1.00	35.9	18.5	7.9	436	32	74	9.3
DELTAPINE 45	4.20	1.18	1.01	36.1	18.1	6.9	470	50	74	8.8
DIXIE KING II	4.10	1.16	.98	38.1	18.7	6.5	475	51	74	8.0
CAROLINA QUEEN	4.30	1.21	1.05	35.7	18.6	7.2	464	55	76	8.8
COKER 100A	4.50	1.23	1.04	34.9	18.0	7.4	461	43	74	8.0
AUBURN M	4.30	1.16	.99	35.0	19.1	7.9	484	53	75	8.5
AUBURN 56	4.10	1.16	.99	36.2	18.6	8.4	481	47	76	8.3
EMPIRE WR-61	4.50	1.17	1.01	35.6	19.5	8.7	451	49	74	8.3
DELTAPINE S.L.	4.60	1.20	1.01	36.1	18.3	6.4	441	38	76	8.3
REX SMOOTHLEAF	4.10	1.16	.96	36.2	18.1	7.7	480	52	75	8.3

STONEVILLE, MISS.

STONEVILLE 7A	5.10	1.17	.98	37.9	19.3	7.5	405	27	77	8.3
STONEVILLE 213	5.20	1.13	.96	36.8	18.6	7.2	412	31	77	8.5
DELTAPINE 45	5.10	1.14	.99	37.4	19.6	8.0	407	31	76	8.3
DELTAPINE S.L.	5.40	1.17	1.01	36.7	19.4	7.9	411	22	76	8.0
STARDEL	4.90	1.13	.96	41.8	20.1	6.1	419	27	77	8.0
REX SMOOTHLEAF	4.60	1.12	.95	36.6	17.3	7.6	435	38	77	8.3
EMPIRE WR-61	4.30	1.14	.97	38.6	18.2	6.4	452	50	76	8.0
AUBURN M	4.90	1.11	.95	38.3	18.9	7.9	432	42	76	8.5
COKER 100A	4.80	1.18	1.02	36.5	18.8	6.9	433	41	76	7.8
AUBURN 56	4.80	1.10	.95	36.7	18.0	7.8	431	32	76	8.3
DIXIE KING II	4.80	1.12	.95	37.5	17.7	6.3	426	39	77	8.3
CAROLINA QUEEN	5.20	1.15	.99	40.1	19.2	6.4	412	27	77	8.3

TUNICA, MISS.

STARDEL	5.00	1.18	.99	45.3	20.5	5.6	424	20	76	7.8
STONEVILLE 213	5.40	1.22	1.02	40.7	19.9	6.6	405	25	76	8.0
DELTAPINE 45	5.20	1.19	1.00	39.8	20.0	7.3	413	23	74	8.0
STONEVILLE 7A	5.50	1.23	1.05	42.4	18.6	5.5	395	16	77	7.5
DIXIE KING II	5.10	1.16	.96	42.0	18.9	6.1	414	25	77	7.8
AUBURN 56	5.30	1.15	.97	39.9	19.0	6.8	401	26	74	8.3
DELTAPINE S.L.	5.40	1.22	1.04	37.1	19.7	8.1	403	23	79	7.5
AUBURN M	4.70	1.17	1.01	39.0	19.4	6.7	441	29	74	8.0
CAROLINA QUEEN	5.40	1.24	1.04	41.2	20.1	6.2	397	19	75	8.0
COKER 100A	5.20	1.24	1.04	39.4	19.5	7.4	424	25	75	7.5
EMPIRE WR-61	4.90	1.16	.98	42.4	18.5	5.7	431	25	75	7.8
REX SMOOTHLEAF	4.70	1.18	.97	40.5	17.9	6.1	440	27	74	8.0

## 1965 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN LENGTH			22'S
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	PCT.	PCT.
	PER ACRE	BOLL	LB.	•	•	•	• PCT.	• PCT.	•	•

CLARKEDALE, ARK.

DELTAPINE 45	798	A	6.14	74	37.3	11.6	.52	1.11	135
DIXIE KING II	790	AB	7.26	63	36.6	11.9	.48	1.12	133
AUBURN M	786	ABC	6.39	71	34.8	12.8	.51	1.15	128
STONEVILLE 213	758	ABC	5.75	79	37.2	10.8	.49	1.13	129
REX SMOOTHLEAF	745	BCD	7.44	61	34.9	13.5	.52	1.15	128
STONEVILLE 7A	741	BCD	5.75	79	37.7	11.3	.52	1.17	125
CAROLINA QUEEN	736	CD	6.30	72	36.9	11.2	.53	1.15	129
AUBURN 56	736	CD	6.17	74	34.8	11.8	.53	1.12	129
EMPIRE WR-61	732	CD	8.49	54	35.2	14.8	.48	1.14	130
DELTAPINE S.L.	696	DE	5.71	80	37.2	10.1	.55	1.16	136
COKER 100A	668	E	5.94	77	35.4	11.3	.50	1.17	132
STARDEL	602	F	5.75	79	36.6	11.3	.50	1.14	141

PORTAGEVILLE, MO.

STONEVILLE 7A	1276	A	6.14	74	41.3	10.4	.51	1.10	119
AUBURN 56	1275	A	5.84	78	37.4	12.4	.50	1.10	120
DELTAPINE 45	1252	AB	5.53	82	40.7	11.2	.50	1.09	121
AUBURN M	1225	ABC	7.69	59	37.8	12.2	.53	1.12	119
STONEVILLE 213	1220	ABC	5.58	83	40.1	10.7	.49	1.07	116
DELTAPINE S.L.	1213	ABC	6.21	74	39.9	9.6	.48	1.09	122
COKER 100A	1209	ABC	5.23	87	39.6	10.8	.51	1.14	126
DIXIE KING II	1206	ABC	6.23	73	39.3	12.0	.46	1.08	113
CAROLINA QUEEN	1179	ABC	5.59	81	40.3	14.2	.51	1.11	125
EMPIRE WR-61	1162	BC	6.40	71	38.1	13.3	.46	1.09	117
REX SMOOTHLEAF	1160	BC	6.19	74	37.0	13.2	.50	1.12	118
STARDEL	1128	C	4.88	93	41.2	11.0	.51	1.10	127

FT. PILLOW, TENN.

DELTAPINE 45	1286	A	6.34	72	40.3	11.1	.48	1.06	115
DELTAPINE S.L.	1163	AB	6.08	75	39.9	10.5	.50	1.12	119
STONEVILLE 213	1089	BC	6.17	74	39.0	10.5	.47	1.05	113
AUBURN 56	1087	BC	6.19	74	35.8	11.5	.49	1.07	118
DIXIE KING II	1079	BC	7.66	60	38.3	12.0	.47	1.06	118
EMPIRE WR-61	1058	BC	8.14	56	35.5	13.7	.50	1.10	119
REX SMOOTHLEAF	1041	BC	6.97	65	36.9	12.3	.45	1.03	119
CAROLINA QUEEN	1039	BC	6.30	73	39.0	10.9	.53	1.13	112
COKER 100A	1026	BC	6.44	71	37.6	11.0	.47	1.10	120
STONEVILLE 7A	998	BC	6.11	75	38.1	11.4	.48	1.09	119
AUBURN M	962	C	6.83	66	36.5	11.8	.45	1.03	113
STARDEL	951	C	5.89	77	38.3	11.1	.49	1.09	119

## 1965 DELTA REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			AREALO-			COLORI-		
	MICRO-	SLIVER	•	•	•	•	METER	•	METER	•	METER	•
	•	NAIRE	UHM	MEAN	TO	T1	E1	A	D	RD	B	•
	•	•	•	•	•	•	•	•	•	•	•	•

CLARKEDALE, ARK.

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PORTAGEVILLE, MO.

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FT. PILLOW, TENN.

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1965 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY		BOLL SIZE										22'S	
		YIELD		GRAM		NO.		LINT		SEED			
		LB.	LINT	PER	PER	PCT.	PCT.	INDEX	INDEX	50	2.5		
		PER ACRE		BOLL	LB.					PCT.	PCT.		
STONEVILLE	7A	745	A	5.21	88	39.3	10.5			.52	1.10	122	
DELTAPINE	S.L.	705	AB	5.13	90	38.9	9.6			.50	1.09	124	
STARDEL		690	AB	5.18	88	38.8	10.6			.50	1.07	132	
DELFOS	9169	656	AB	6.11	75	35.1	11.7			.51	1.14	125	
AUBURN	56	644	AB	5.59	82	35.7	11.6			.50	1.07	127	
REX SMOOTHLEAF		627	B	6.02	76	36.5	12.6			.50	1.07	121	
TIDELAND	TPSA69	601	B	6.13	75	37.6	12.0			.48	1.02	121	

LOCATIONS COMBINING VARIETIES

LOCATION		BOLL SIZE										22'S	
		YIELD		GRAM		NO.		LINT		SEED			
		LB.	LINT	PER	PER	PCT.	PCT.	INDEX	INDEX	50	2.5		
		PER ACRE		BOLL	LB.					PCT.	PCT.		
ST. WATER, OKLA.		431		6.14	75	38.3	11.6			.48	1.02	124	
COL. STA., TEX.		1182		5.83	79	36.8	12.5			.53	1.14	127	
WESLACO, TEX.		982		5.68	80	34.6	11.3			.53	1.13	129	
HOPE, ARK.		756		5.55	82	37.4	12.3			.51	1.12	123	
BOSSIER C., LA.		272		5.46	84	38.4	11.2			.46	1.02	125	
N'CES CT., TEX.		631		5.45	84	37.2	10.7			.50	1.07	127	
BR'IA CT., TEX.		273		4.66	98	37.6	9.7			.46	1.01	116	
MCGREGOR, TEX.		809		6.21	74	39.0	10.5			.54	1.13	125	

BOLL SIZE, GRAM PER BOLL

TIDELAND	TPSA69	6.13	A
DELFOS	9169	6.11	A
REX SMOOTHLEAF		6.02	A
AUBURN	56	5.59	B
STONEVILLE	7A	5.21	C
STARDEL		5.18	C
DELTAPINE	S.L.	5.13	C

BOLL SIZE, NO. PER LB.

DELTAPINE	S.L.	90	A
STARDEL		88	A
STONEVILLE	7A	88	A
AUBURN	56	82	B
REX SMOOTHLEAF		76	C
DELFOS	9169	75	C
TIDELAND	TPSA69	75	C

1965 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETIES COMBINING LOCATIONS

VARIETY	DRAWING			STELOMETER			AREALO-		COLORI-			
	• MICRO-	• SLIVER	• NAIRE	• UHM	• MEAN	• TO	• T1	• E1	• A	• D	• RD	• METER
•	•	•	•	•	•	•	•	•	•	•	•	•
STONEVILLE 7A	4.90	1.11	.90	39.8	18.5	6.5	417	26	72	8.2		
DELTAPINE S.L.	4.80	1.11	.90	38.1	19.5	8.6	424	27	73	8.3		
STARDEL	4.70	1.09	.89	42.1	20.6	6.2	435	30	72	7.9		
DELFO'S 9169	4.20	1.17	.93	35.8	18.3	8.2	472	40	72	8.2		
AUBURN 56	4.40	1.08	.88	38.4	19.3	7.4	449	38	72	8.5		
REX SMOOTHLEAF	4.40	1.11	.90	37.8	18.2	7.1	445	36	73	8.3		
TIDELAND TPSA69	4.50	1.04	.84	37.9	18.1	7.4	442	37	71	8.9		

LOCATIONS COMBINING VARIETIES

LOCATION	DRAWING			STELOMETER			AREALO-		COLORI-			
	• MICRO-	• SLIVER	• NAIRE	• UHM	• MEAN	• TO	• T1	• E1	• A	• D	• RD	• METER
•	•	•	•	•	•	•	•	•	•	•	•	•
STEWATER, OKLA.	5.00	1.04	.84	40.1	19.4	7.1	414	25	73	8.5		
COL. STA., TEX.	4.80	1.15	.94	37.4	19.0	7.8	424	30	70	7.6		
WESLACO, TEX.	4.40	1.13	.92	35.8	18.9	7.4	442	32	76	8.7		
HOPE, ARK.	4.60	1.12	.88	37.2	18.8	7.8	440	37	72	8.1		
BOSSIER C., LA.	4.40	1.05	.84	40.6	19.3	7.0	459	40	73	9.0		
N'CES CT., TEX.	4.20	1.10	.87	38.5	19.0	7.3	457	42	70	8.4		
BR'IA CT., TEX.	4.40	1.07	.87	40.6	18.3	6.7	455	33	68	8.3		
MCGREGOR, TEX.	4.70	1.17	.98	38.2	18.7	7.6	433	29	75	7.9		

LINT PCT.

STONEVILLE 7A	39.3	A
DELTAPINE S.L.	38.9	A
STARDEL	38.8	A
TIDELAND TPSA69	37.6	B
REX SMOOTHLEAF	36.5	C
AUBURN 56	35.7	D
DELFO'S 9169	35.1	D

SEED INDEX

REX SMOOTHLEAF	12.6	A
TIDELAND TPSA69	12.0	B
DELFO'S 9169	11.7	B
AUBURN 56	11.6	B
STARDEL	10.6	C
STONEVILLE 7A	10.5	C
DELTAPINE S.L.	9.6	D

1965 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

SPAN LENGTH, 50 PCT.		SPAN LENGTH, 2.5 PCT.		22'S	
STONEVILLE 7A	.52 A	DELFO'S 9169	1.14 A	STARDEL	132 A
DELFO'S 9169	.51 AB	STONEVILLE 7A	1.10 B	AUBURN 56	127 B
AUBURN 56	.50 B	DELTAPINE S.L.	1.09 BC	DELFO'S 9169	125 BC
DELTAPINE S.L.	.50 B	AUBURN 56	1.07 C	DELTAPINE S.L.	124 CD
STARDEL	.50 B	STARDEL	1.07 C	STONEVILLE 7A	122 DE
REX SMOOTHLEAF	.50 B	REX SMOOTHLEAF	1.07 C	TIDELAND TPSA69	121 E
TIDELAND TPSA69	.48 C	TIDELAND TPSA69	1.02 D	REX SMOOTHLEAF	121 E

MICRONAIRE		DRAWING SLIVER, UHM		DRAWING SLIVER, MEAN	
STONEVILLE 7A	4.90 A	DELFO'S 9169	1.17 A	DELFO'S 9169	.93 A
DELTAPINE S.L.	4.80 AB	DELTAPINE S.L.	1.11 B	DELTAPINE S.L.	.90 B
STARDEL	4.70 B	STONEVILLE 7A	1.11 B	STONEVILLE 7A	.90 B
TIDELAND TPSA69	4.50 C	REX SMOOTHLEAF	1.11 B	REX SMOOTHLEAF	.90 B
AUBURN 56	4.40 C	STARDEL	1.09 C	STARDEL	.89 B
REX SMOOTHLEAF	4.40 C	AUBURN 56	1.08 C	AUBURN 56	.88 B
DELFO'S 9169	4.20 D	TIDELAND TPSA69	1.04 D	TIDELAND TPSA69	.84 C

STELOMETER - TO		STELOMETER - T1	
STARDEL	42.1 A	STARDEL	20.6 A
STONEVILLE 7A	39.8 B	DELTAPINE S.L.	19.5 B
AUBURN 56	38.4 C	AUBURN 56	19.3 B
DELTAPINE S.L.	38.1 C	STONEVILLE 7A	18.5 C
TIDELAND TPSA69	37.9 C	DELFO'S 9169	18.3 C
REX SMOOTHLEAF	37.8 C	REX SMOOTHLEAF	18.2 C
DELFO'S 9169	35.8 D	TIDELAND TPSA69	18.1 C

1965 CENTRAL REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

STELOMETER - E1

DELTAPINE S.L.	8.6	A
DELFO'S 9169	8.2	A
AUBURN 56	7.4	B
TIDELAND TPSA69	7.4	B
REX SMOOTHLEAF	7.1	BC
STONEVILLE 7A	6.5	CD
STARDEL	6.2	D

AREALOMETER - A

DELFO'S 9169	472	A
AUBURN 56	449	B
REX SMOOTHLEAF	445	BC
TIDELAND TPSA69	442	BC
STARDEL	435	C
DELTAPINE S.L.	424	D
STONEVILLE 7A	417	D

AREALOMETER - D

DELFO'S 9169	40	A
AUBURN 56	38	A
TIDELAND TPSA69	37	A
REX SMOOTHLEAF	36	A
STARDEL	30	B
DELTAPINE S.L.	27	B
STONEVILLE 7A	26	B

COLORIMETER - RD

DELTAPINE S.L.	73	A
REX SMOOTHLEAF	73	A
AUBURN 56	72	AB
DELFO'S 9169	72	AB
STARDEL	72	AB
STONEVILLE 7A	72	AB
TIDELAND TPSA69	71	B

COLORIMETER - B

TIDELAND TPSA69	8.9	A
AUBURN 56	8.5	B
DELTAPINE S.L.	8.3	BC
REX SMOOTHLEAF	8.3	BC
DELFO'S 9169	8.2	C
STONEVILLE 7A	8.2	C
STARDEL	7.9	D

## 1965 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE							
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH	•
	• LB. LINT	• PER	• PER	• PCT.	• INDEX	• 50	2.5	• 22'S
	• PER ACRE	• BOLL	• LB.	•	•	• PCT.	• PCT.	•

STILLWATER, OKLA.

STONEVILLE 7A	475 A	5.64	81	39.5	10.4	.50	1.04	121
TIDELAND TPSA69	440 AB	6.56	69	38.8	12.2	.46	.96	122
DELTAPINE S.L.	434 AB	5.68	81	39.7	10.1	.47	1.03	124
AUBURN 56	433 AB	6.00	76	36.9	12.7	.49	1.03	129
STARDEL	422 AB	5.46	84	39.7	10.5	.48	1.03	130
REX SMOOTHLEAF	412 B	6.94	65	37.3	14.1	.46	1.01	120
DELFO'S 9169	401 B	6.68	69	36.3	11.8	.48	1.07	122

COLLEGE STATION, TEX.

STONEVILLE 7A	1302 A	5.57	82	38.2	11.7	.53	1.14	127
DELTAPINE S.L.	1243 AB	5.02	91	38.6	10.3	.57	1.20	128
DELFO'S 9169	1217 AB	6.60	69	34.1	12.8	.54	1.19	126
STARDEL	1201 ABC	5.36	85	38.6	12.0	.52	1.10	137
TIDELAND TPSA69	1151 BCD	6.69	68	37.2	13.6	.53	1.07	125
AUBURN 56	1097 CD	5.43	84	34.9	12.6	.54	1.12	126
REX SMOOTHLEAF	1061 D	6.19	74	35.9	14.2	.54	1.15	123

WESLACO, TEX.

TIDELAND TPSA69	1139 A	6.23	73	35.8	11.8	.48	1.04	122
DELTAPINE S.L.	1088 AB	5.26	87	36.7	9.5	.52	1.09	127
STARDEL	1063 AB	5.07	90	36.3	10.9	.56	1.15	138
STONEVILLE 7A	1018 B	5.37	85	35.5	10.4	.55	1.15	129
REX SMOOTHLEAF	811 C	5.94	76	33.0	13.0	.53	1.13	126
DELFO'S 9169	800 C	6.23	73	32.0	12.1	.58	1.24	134

HOPE, ARK.

AUBURN 56	819 A	5.82	78	36.5	12.7	.53	1.14	125
STONEVILLE 7A	797 A	4.91	93	39.9	11.8	.52	1.13	120
DELFO'S 9169	783 A	5.97	76	34.6	13.1	.52	1.18	122
DELTAPINE S.L.	757 A	5.42	84	39.5	10.7	.50	1.11	125
STARDEL	753 A	5.14	89	38.3	11.4	.51	1.10	130
REX SMOOTHLEAF	747 A	5.56	82	36.4	13.3	.52	1.11	122
TIDELAND TPSA69	636 B	6.05	76	36.7	13.1	.50	1.08	119

## 1965 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	A	D
	MEAN	TO	T1	E1

STILLWATER, OKLA.

STONEVILLE 7A	5.50	1.06	.86	39.9	18.6	6.6	388	23	72	8.3
TIDELAND TPSA69	4.90	.98	.82	39.6	18.8	7.5	418	24	72	9.3
DELTAPINE S.L.	5.30	1.05	.84	39.8	20.0	8.1	398	24	74	8.5
AUBURN 56	4.80	1.03	.84	40.7	20.4	7.1	431	31	73	8.8
STARDEL	5.00	1.04	.83	43.8	20.8	6.2	413	20	72	8.3
REX SMOOTHLEAF	4.90	1.05	.86	39.5	18.5	6.5	414	24	74	8.0
DELFO'S 9169	4.50	1.09	.87	37.5	18.6	8.0	440	34	74	8.3

COLLEGE STATION, TEX.

STONEVILLE 7A	4.80	1.15	.92	36.7	19.3	9.4	425	32	72	7.3
DELTAPINE S.L.	5.10	1.18	.94	39.7	19.2	6.7	408	28	71	7.5
DELFO'S 9169	4.50	1.22	1.00	33.9	18.0	8.6	465	42	69	7.5
STARDEL	4.80	1.13	.95	42.5	21.3	6.0	420	30	69	7.3
TIDELAND TPSA69	4.80	1.08	.91	35.1	17.8	8.5	400	25	68	8.0
AUBURN 56	4.80	1.10	.88	37.8	19.0	8.0	429	36	70	8.0
REX SMOOTHLEAF	4.70	1.17	.97	36.0	18.5	7.5	422	22	71	7.5

WESLACO, TEX.

TIDELAND TPSA69	4.70	1.04	.84	35.6	18.1	7.0	444	33	76	9.5
DELTAPINE S.L.	4.90	1.14	.96	34.9	19.2	9.2	417	25	76	8.8
STARDEL	4.50	1.12	.89	39.6	20.4	6.0	438	36	76	8.0
STONEVILLE 7A	4.90	1.14	.95	37.5	18.9	6.7	420	21	76	8.3
REX SMOOTHLEAF	3.70	1.12	.91	34.4	17.9	7.3	444	38	76	8.8
DELFO'S 9169	4.10	1.23	.97	32.7	18.4	8.4	483	36	75	9.0

HOPE, ARK.

AUBURN 56	4.50	1.11	.87	37.0	19.3	8.0	443	33	74	8.3
STONEVILLE 7A	5.10	1.10	.87	39.4	18.6	6.4	406	30	71	8.3
DELFO'S 9169	4.00	1.17	.90	33.9	17.9	8.9	475	45	73	8.0
DELTAPINE S.L.	4.90	1.13	.89	36.0	19.2	9.5	422	26	74	8.0
STARDEL	4.60	1.10	.88	41.8	20.7	6.3	443	34	71	8.0
REX SMOOTHLEAF	4.50	1.13	.90	37.1	18.2	7.6	454	44	72	8.0
TIDELAND TPSA69	4.40	1.08	.87	35.2	17.9	8.3	440	47	73	8.5

## 1965 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH		
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	22'S		
	PER ACRE	BOLL	LB.							

BOSSIER CITY, LA.

DELFO'S 9169	402	A	6.05	76	36.5	12.3	.46	1.09	125
AUBURN 56	275	B	5.52	83	36.4	11.3	.45	1.00	128
REX SMOOTHLEAF	265	B	5.91	78	37.5	11.5	.47	1.02	121
STARDEL	263	B	5.25	88	39.8	10.1	.45	1.00	133
STONEVILLE 7A	251	B	5.01	91	39.6	10.9	.48	1.02	118
TIDELAND TPSA69	239	B	5.87	78	39.3	12.3	.46	.99	120
DELTAPINE S.L.	208	B	4.65	98	40.1	10.2	.47	1.02	128

NUECES COUNTY, TEX.

DELTAPINE S.L.	691	A	5.12	89	38.0	9.2	.49	1.09	127
STONEVILLE 7A	665	AB	5.05	90	39.8	9.9	.53	1.11	126
STARDEL	663	AB	4.99	91	38.0	10.4	.48	1.06	131
AUBURN 56	625	BC	5.52	82	35.6	11.2	.49	1.06	130
DELFO'S 9169	616	BC	6.05	75	35.3	10.9	.50	1.13	127
REX SMOOTHLEAF	601	CD	5.70	80	36.5	12.0	.50	1.06	127
TIDELAND TPSA69	555	D	5.76	79	37.4	11.3	.50	1.02	121

BRAZORIA COUNTY, TEX.

STONEVILLE 7A	1090	A	5.73	79	41.4	10.4	.57	1.15	123
DELTAPINE S.L.	940	B	5.88	78	40.4	9.1	.55	1.14	127
REX SMOOTHLEAF	855	BC	6.84	67	38.3	11.4	.52	1.11	119
STARDEL	850	BC	5.59	81	40.5	9.8	.52	1.13	135
DELFO'S 9169	787	CD	6.33	72	36.4	10.7	.58	1.20	126
AUBURN 56	673	D	6.14	74	37.0	10.7	.53	1.09	126
TIDELAND TPSA69	468	E	6.97	65	39.2	11.7	.50	1.07	120

MCGREGOR, TEX.

STARDEL	308	A	4.61	99	39.7	9.8	.45	.99	124
STONEVILLE 7A	305	A	4.39	104	40.3	9.0	.50	1.05	113
AUBURN 56	297	A	4.65	98	35.3	9.8	.46	1.00	119
DELFO'S 9169	264	AB	4.95	92	36.0	10.0	.47	1.07	122
REX SMOOTHLEAF	259	AB	5.09	89	37.0	11.3	.44	1.01	109
TIDELAND TPSA69	241	B	4.90	93	36.9	10.0	.45	.96	117
DELTAPINE S.L.	234	B	4.01	114	37.9	7.8	.46	1.04	112

## 1965 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-					
	MICRO-	SLIVER	METER	METER					
	NAIRE	UHM MEAN	T0	T1	E1	A	D	RD	B
	•	•	•	•	•	•	•	•	•

BOSSIER CITY, LA.

DELFS 9169	4.10	1.12	.89	38.3	19.0	7.9	483	44	74	8.5
AUBURN 56	4.20	1.05	.85	40.3	19.5	7.0	475	57	74	9.0
REX SMOOTHLEAF	4.30	1.05	.85	40.4	19.2	6.6	455	40	72	8.8
STARDEL	4.60	1.04	.84	44.3	21.1	6.1	445	33	72	8.5
STONEVILLE 7A	4.60	1.06	.85	41.7	17.7	5.8	447	33	75	9.0
TIDELAND TPSA69	4.20	.98	.77	39.9	17.8	7.1	474	46	71	0.0
DELTAPINE S.L.	5.00	1.03	.84	39.7	20.6	8.8	435	31	73	9.0

NUECES COUNTY, TEX.

DELTAPINE S.L.	4.10	1.11	.90	38.0	19.8	9.0	439	31	73	8.5
STONEVILLE 7A	4.60	1.12	.90	40.9	18.5	5.9	426	29	70	8.3
STARDEL	4.30	1.08	.86	41.9	20.4	6.7	462	44	69	7.8
AUBURN 56	4.20	1.07	.86	37.2	19.4	7.5	462	44	69	8.3
DELFS 9169	3.80	1.16	.90	35.9	18.3	8.1	482	45	69	8.0
REX SMOOTHLEAF	4.00	1.11	.88	37.5	18.3	7.1	470	53	73	9.0
TIDELAND TPSA69	4.20	1.04	.82	38.5	18.5	7.2	458	47	69	9.3

BRAZORIA COUNTY, TEX.

STONEVILLE 7A	5.10	1.19	1.08	40.8	18.8	6.4	409	17	74	8.0
DELTAPINE S.L.	5.00	1.19	1.00	36.6	19.0	9.4	423	29	76	7.8
REX SMOOTHLEAF	4.60	1.16	.97	37.4	18.3	7.4	441	32	76	7.8
STARDEL	4.80	1.19	1.00	40.6	20.2	6.7	427	22	76	7.8
DELFS 9169	4.40	1.25	1.03	35.8	17.9	8.4	463	43	75	8.0
AUBURN 56	4.60	1.13	.95	37.7	18.8	7.6	441	32	75	8.0
TIDELAND TPSA69	4.70	1.11	.92	38.3	17.9	7.2	428	29	75	8.0

MCGREGOR, TEX.

STARDEL	4.90	1.05	.85	42.6	20.1	6.2	437	25	69	8.0
STONEVILLE 7A	4.90	1.11	.90	41.7	17.6	5.1	420	21	68	8.0
AUBURN 56	4.30	1.07	.88	40.8	18.9	6.6	461	38	68	8.5
DELFS 9169	4.10	1.13	.91	38.2	18.1	7.3	484	38	68	8.0
REX SMOOTHLEAF	4.30	1.07	.86	40.5	16.8	6.6	462	35	69	8.3
TIDELAND TPSA69	4.00	.99	.80	40.8	17.9	7.0	474	45	67	9.0
DELTAPINE S.L.	4.50	1.07	.87	39.8	18.8	8.2	449	28	69	8.3

1965 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH		
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	22'S	
		PER ACRE	BOLL	LB.					PCT.	PCT.

VARIETIES COMBINING LOCATIONS

STONEVILLE 7A	644 A	5.57	83	37.1	11.5	.51	1.14	124
AUBURN 56	642 A	5.80	79	35.8	12.5	.49	1.09	124
PAYMASTER 101A	618 AB	6.56	71	37.3	12.2	.48	.99	122
BLIGHTMASTER	588 ABC	6.00	77	36.5	11.8	.49	1.04	115
DELTAPINE S.L.	588 ABC	5.37	86	37.2	10.9	.52	1.12	128
PARROTT	584 ABC	6.47	71	38.7	11.8	.47	.99	113
LANKART 57	579 ABC	7.91	58	37.9	14.5	.48	1.03	108
LOCKETT 4789	575 ABC	6.56	71	35.8	12.3	.49	1.07	120
GREGG 35	552 BC	6.08	76	34.7	12.3	.48	1.00	130
N. STAR 5	526 C	6.34	73	37.1	12.1	.47	1.01	107

SUBREGIONAL SUMMARY COMBINING BROWNFIELD, LUBBOCK, AND HALFWAY

AUBURN 56	919 A	5.98	77	36.5	12.7	.49	1.10	118
PAYMASTER 101A	899 AB	6.51	72	37.6	12.3	.47	.98	114
STONEVILLE 7A	851 AB	5.82	79	36.1	12.3	.50	1.14	122
PARROTT	805 ABC	6.16	74	38.8	11.3	.47	.99	105
BLIGHTMASTER	802 ABC	5.50	83	37.4	11.7	.49	1.01	106
DELTAPINE S.L.	800 ABC	5.41	85	37.5	11.0	.52	1.15	123
GREGG 35	789 ABC	6.18	75	35.7	12.5	.48	1.00	127
LOCKETT 4789	781 ABC	6.51	71	36.2	12.2	.49	1.09	114
LANKART 57	765 BC	7.94	58	37.3	15.3	.47	1.03	99
N. STAR 5	669 C	6.24	74	36.1	12.5	.47	1.02	102

SUBREGIONAL SUMMARY COMBINING ALTUS, MANGUM, AND CHICKASHA

STONEVILLE 7A	528 A	5.55	83	37.4	11.6	.52	1.14	127
AUBURN 56	508 AB	5.92	78	35.3	13.1	.50	1.09	129
LANKART 57	490 AB	8.11	57	38.2	14.7	.49	1.04	114
PAYMASTER 101A	482 AB	6.81	68	37.0	12.6	.48	1.00	127
DELTAPINE S.L.	479 AB	5.50	84	36.9	11.4	.53	1.13	133
BLIGHTMASTER	475 AB	6.62	70	35.6	12.4	.49	1.07	122
PARROTT	471 AB	6.94	67	38.5	12.9	.49	1.01	118
LOCKETT 4789	465 AB	6.78	69	35.2	13.0	.50	1.07	124
N. STAR 5	461 AB	6.64	70	37.5	12.5	.47	1.01	111
GREGG 35	431 B	6.25	74	33.9	12.8	.49	1.02	134

LOCATIONS COMBINING VARIETIES

BR.FIELD, TEX.	909	6.99	66	36.2	13.4	.52	1.11	116
LUBBOCK, TEX.	796	5.45	84	38.7	11.3	.46	1.01	110
HALFWAY, TEX.	718	6.24	74	35.8	12.4	.46	1.03	113
ALTUS, OKLA.	290	5.68	81	34.2	10.7	.47	1.04	122
CH. (DRY), OKLA.	445	6.84	67	37.1	12.8	.50	1.07	129
MANGUM, OKLA.	211	5.95	78	36.3	13.8	.49	1.04	121
CH.(IRR.), OKLA.	969	7.56	61	38.6	13.5	.52	1.09	123
MCGREGOR, TEX.	378	5.42	85	37.6	9.8	.47	1.00	119

1965 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	DRAWING			STELOMETER			AREALO-			COLORI-		
	•	•	•	•	•	•	•	•	•	•	•	•
	• NAIRE	• UHM	• MEAN	•	• TO	•	• T1	•	• E1	•	• A	• D

VARIETIES COMBINING LOCATIONS

STONEVILLE 7A	4.40	1.17	.96	37.1	18.2	7.3	462	43	73	7.5
AUBURN 56	4.10	1.11	.92	35.6	18.4	8.9	488	51	72	7.7
PAYMASTER 101A	4.30	1.01	.85	37.1	18.9	8.2	472	40	74	7.7
BLIGHTMASTER	4.30	1.06	.88	35.5	17.4	8.7	469	45	74	8.0
DELTAPINE S.L.	4.30	1.15	.95	35.9	19.2	10.3	471	42	73	7.7
PARROTT	4.60	1.02	.86	34.5	17.6	8.8	452	37	73	7.8
LANKART 57	4.50	1.07	.89	31.6	16.6	10.4	457	42	72	8.2
LOCKETT 4789	4.20	1.09	.91	35.9	17.8	8.3	473	49	72	7.7
GREGG 35	4.00	1.03	.87	39.6	20.3	7.6	490	44	72	7.6
N. STAR 5	4.00	1.04	.85	34.8	16.5	7.1	482	53	73	8.5

SUBREGIONAL SUMMARY COMBINING BROWNFIELD, LUBBOCK, AND HALFWAY

AUBURN 56	3.80	1.13	.93	31.8	17.2	11.0	507	60	71	7.6
PAYMASTER 101A	4.00	1.01	.86	33.5	17.4	9.7	491	47	73	7.6
STONEVILLE 7A	4.00	1.18	.96	34.8	17.8	8.1	491	54	72	7.3
PARROTT	4.10	1.01	.86	30.9	15.9	9.9	485	47	74	7.3
BLIGHTMASTER	4.30	1.04	.87	31.7	16.3	10.1	474	54	74	8.0
DELTAPINE S.L.	4.00	1.18	.96	32.0	18.0	12.6	497	51	73	7.3
GREGG 35	3.80	1.04	.88	36.5	19.5	8.7	499	48	70	7.4
LOCKETT 4789	4.00	1.11	.93	33.1	17.0	9.5	488	54	72	7.3
LANKART 57	4.10	1.07	.90	28.5	15.1	11.6	484	48	71	7.8
N. STAR 5	3.60	1.06	.88	31.4	15.5	8.0	513	63	74	8.2

SUBREGIONAL SUMMARY COMBINING ALTUS, MANGUM, AND CHICKASHA

STONEVILLE 7A	4.60	1.18	.99	38.0	18.6	7.0	447	38	75	7.6
AUBURN 56	4.30	1.12	.93	37.3	19.2	8.0	474	47	73	7.7
LANKART 57	4.60	1.08	.91	32.9	17.4	9.9	446	42	73	8.2
PAYMASTER 101A	4.50	1.03	.87	38.7	19.6	7.5	458	38	75	7.6
DELTAPINE S.L.	4.50	1.15	.96	38.1	19.8	9.0	456	37	74	7.8
BLIGHTMASTER	4.10	1.09	.90	37.5	18.0	8.0	478	42	74	7.8
PARROTT	5.00	1.04	.88	36.1	18.8	8.5	430	32	74	7.9
LOCKETT 4789	4.30	1.10	.91	37.0	18.3	7.7	469	48	74	7.9
N. STAR 5	4.20	1.04	.86	36.4	17.2	6.6	467	49	74	8.7
GREGG 35	4.10	1.05	.89	41.0	21.0	7.1	489	43	74	7.6

LOCATIONS COMBINING VARIETIES

BR-FIELD, TEX.	4.30	1.14	.97	31.2	16.9	10.6	473	45	74	7.6
LUBBOCK, TEX.	4.10	1.04	.85	33.4	17.0	9.5	479	48	70	8.1
HALFWAY, TEX.	3.50	1.07	.89	32.7	17.0	9.7	527	64	73	7.1
ALTUS, OKLA.	3.80	1.06	.85	37.2	18.3	7.9	503	50	74	7.6
CH. (DRY), OKLA.	4.50	1.10	.94	39.2	19.6	7.6	443	38	74	8.2
MANGUM, OKLA.	4.70	1.07	.89	38.3	19.0	7.9	447	36	73	8.1
CH. (IRR.), OKLA.	4.60	1.12	.95	34.4	18.3	8.4	452	43	75	7.7
MCGREGOR, TEX.	4.60	1.00	.82	39.5	18.8	6.9	448	32	69	8.3

1965 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.			LINT PCT.		
LANKART 57	7.91	A	DELTAPINE S.L.	86	A	PARROTT	38.7	A
LOCKETT 4789	6.56	B	STONEVILLE 7A	83	AB	LANKART 57	37.9	AB
PAYMASTER 101A	6.56	B	AUBURN 56	79	BC	PAYMASTER 101A	37.3	BC
PARROTT	6.47	B	BLIGHTMASTER	77	C	DELTAPINE S.L.	37.2	BC
N. STAR 5	6.34	BC	GREGG 35	76	CD	STONEVILLE 7A	37.1	BC
GREGG 35	6.08	CD	N. STAR 5	73	DE	N. STAR 5	37.1	BC
BLIGHTMASTER	6.00	CD	PARROTT	71	E	BLIGHTMASTER	36.5	CD
AUBURN 56	5.80	DE	PAYMASTER 101A	71	E	LOCKETT 4789	35.8	D
STONEVILLE 7A	5.57	EF	LOCKETT 4789	71	E	AUBURN 56	35.8	D
DELTAPINE S.L.	5.37	F	LANKART 57	58	F	GREGG 35	34.7	E

SEED INDEX			SPAN LENGTH, 50 PCT.			SPAN LENGTH, 2.5 PCT.		
LANKART 57	14.5	A	DELTAPINE S.L.	.52	A	STONEVILLE 7A	1.14	A
AUBURN 56	12.5	B	STONEVILLE 7A	.51	A	DELTAPINE S.L.	1.12	A
GREGG 35	12.3	B	AUBURN 56	.49	B	AUBURN 56	1.09	B
LOCKETT 4789	12.3	B	BLIGHTMASTER	.49	B	LOCKETT 4789	1.07	B
PAYMASTER 101A	12.2	BC	LOCKETT 4789	.49	B	BLIGHTMASTER	1.04	C
N. STAR 5	12.1	BC	GREGG 35	.48	BC	LANKART 57	1.03	CD
BLIGHTMASTER	11.8	BC	LANKART 57	.48	BC	N. STAR 5	1.01	DE
PARROTT	11.8	BC	PAYMASTER 101A	.48	BC	GREGG 35	1.00	E
STONEVILLE 7A	11.5	CD	PARROTT	.47	C	PARROTT	.99	E
DELTAPINE S.L.	10.9	D	N. STAR 5	.47	C	PAYMASTER 101A	.99	E

22'S			MICRONAIRE			DRAWING SLIVER, UHM		
GREGG 35	130	A	PARROTT	4.60	A	STONEVILLE 7A	1.17	A
DELTAPINE S.L.	128	A	LANKART 57	4.50	AB	DELTAPINE S.L.	1.15	A
AUBURN 56	124	B	STONEVILLE 7A	4.40	ABC	AUBURN 56	1.11	B
STONEVILLE 7A	124	B	BLIGHTMASTER	4.30	BCD	LOCKETT 4789	1.09	BC
PAYMASTER 101A	122	B	DELTAPINE S.L.	4.30	BCD	LANKART 57	1.07	CD
LOCKETT 4789	120	B	PAYMASTER 101A	4.30	BCD	BLIGHTMASTER	1.06	DE
BLIGHTMASTER	115	C	LOCKETT 4789	4.20	CDE	N. STAR 5	1.04	EF
PARROTT	113	C	AUBURN 56	4.10	DE	GREGG 35	1.03	FG
LANKART 57	108	D	GREGG 35	4.00	E	PARROTT	1.02	FG
N. STAR 5	107	D	N. STAR 5	4.00	E	PAYMASTER 101A	1.01	G

1965 PLAINS REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

DRAWING SLIVER, MEAN

STELOMETER - T0

STELOMETER - T1

STONEVILLE 7A	.96 A	GREGG 35	39.6 A	GREGG 35	20.3 A
DELTAPINE S.L.	.95 A	PAYMASTER 101A	37.1 B	DELTAPINE S.L.	19.2 B
AUBURN 56	.92 B	STONEVILLE 7A	37.1 B	PAYMASTER 101A	18.9 BC
LOCKETT 4789	.91 BC	DELTAPINE S.L.	35.9 C	AUBURN 56	18.4 CD
LANKART 57	.89 CD	LOCKETT 4789	35.9 C	STONEVILLE 7A	18.2 DE
BLIGHTMASTER	.88 DE	AUBURN 56	35.6 CD	LOCKETT 4789	17.8 DEF
GREGG 35	.87 DE	BLIGHTMASTER	35.5 CD	PARROTT	17.6 EF
PARROTT	.86 DE	N. STAR 5	34.8 CD	BLIGHTMASTER	17.4 F
PAYMASTER 101A	.85 E	PARROTT	34.5 D	LANKART 57	16.6 G
N. STAR 5	.85 E	LANKART 57	31.6 E	N. STAR 5	16.5 G

STELOMETER - E1

AREALOMETER - A

AREALOMETER - D

LANKART 57	10.4 A	GREGG 35	490 A	N. STAR 5	53 A
DELTAPINE S.L.	10.3 A	AUBURN 56	488 AB	AUBURN 56	51 AB
AUBURN 56	8.9 B	N. STAR 5	482 AB	LOCKETT 4789	49 ABC
PARROTT	8.8 BC	LOCKETT 4789	473 ABC	BLIGHTMASTER	45 BCD
BLIGHTMASTER	8.7 BC	PAYMASTER 101A	472 ABC	GREGG 35	44 CDE
LOCKETT 4789	8.3 BC	DELTAPINE S.L.	471 ABCD	STONEVILLE 7A	43 CDE
PAYMASTER 101A	8.2 C	BLIGHTMASTER	469 BCD	DELTAPINE S.L.	42 DE
GREGG 35	7.6 D	STONEVILLE 7A	462 CD	LANKART 57	42 DE
STONEVILLE 7A	7.3 D	LANKART 57	457 CD	PAYMASTER 101A	40 DE
N. STAR 5	7.1 D	PARROTT	452 D	PARROTT	37 E

COLORIMETER - RD

BLIGHTMASTER	74 A
PAYMASTER 101A	74 A
DELTAPINE S.L.	73 AB
PARROTT	73 AB
STONEVILLE 7A	73 AB
N. STAR 5	73 AB
AUBURN 56	72 B
GREGG 35	72 B
LANKART 57	72 B
LOCKETT 4789	72 B

COLORIMETER - B

N. STAR 5	8.5 A
LANKART 57	8.2 AB
BLIGHTMASTER	8.0 BC
PARROTT	7.8 CD
AUBURN 56	7.7 CD
DELTAPINE S.L.	7.7 CD
PAYMASTER 101A	7.7 CD
LOCKETT 4789	7.7 CD
GREGG 35	7.6 D
STONEVILLE 7A	7.5 D

1965 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH	22'S	•
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	•	•
	PER ACRE	•	BOLL	•	LB.	•	•	PCT.	PCT.	•

BROWNFIELD, TEX.

PAYMASTER 101A	1124	A	7.63	60	37.3	13.3	.52	1.03	118
AUBURN 56	1045	B	6.80	67	36.4	13.7	.55	1.18	117
GREGG 35	945	C	6.64	69	35.3	13.5	.51	1.05	133
LOCKETT 4789	936	CD	7.59	60	35.6	13.6	.53	1.17	120
LANKART 57	917	CD	9.12	50	36.5	16.9	.49	1.09	99
STONEVILLE 7A	906	CD	6.47	70	35.0	13.5	.53	1.21	127
PARROTT	862	DE	6.54	69	38.0	12.2	.50	1.01	104
BLIGHTMASTER	825	EF	6.22	73	36.2	12.5	.54	1.09	110
DELTAPINE S.L.	780	FG	5.99	76	36.9	12.0	.58	1.22	124
N. STAR 5	745	G	6.93	66	35.5	13.1	.52	1.07	106

LUBBOCK, TEX.

DELTAPINE S.L.	925	A	4.78	95	39.3	10.1	.50	1.12	121
STONEVILLE 7A	904	A	5.07	90	38.9	11.5	.48	1.10	119
AUBURN 56	865	AB	5.36	85	37.2	12.2	.46	1.04	116
PARROTT	821	ABC	5.68	80	41.5	10.5	.44	.95	105
BLIGHTMASTER	790	BCD	4.91	93	39.3	10.6	.46	.98	102
PAYMASTER 101A	785	BCD	5.27	87	38.1	11.1	.43	.94	114
LOCKETT 4789	739	CD	5.40	84	38.0	10.6	.47	1.05	108
LANKART 57	725	CD	7.01	65	40.2	13.4	.45	.98	94
GREGG 35	711	CD	5.24	87	36.8	11.7	.48	.99	125
N. STAR 5	689	D	5.76	79	37.8	11.3	.44	1.00	99

HALFWAY, TEX.

AUBURN 56	845	A	5.78	79	35.9	12.2	.46	1.09	121
BLIGHTMASTER	789	AB	5.38	85	36.9	12.1	.47	.98	106
PAYMASTER 101A	789	AB	6.63	69	37.3	12.6	.47	.99	110
STONEVILLE 7A	741	AB	5.94	77	34.5	12.1	.48	1.11	120
PARROTT	730	AB	6.26	73	36.9	11.3	.46	1.00	108
GREGG 35	709	ABC	6.67	68	35.0	12.3	.45	.96	122
DELTAPINE S.L.	693	BC	5.47	83	36.3	10.8	.48	1.10	125
LOCKETT 4789	667	BC	6.56	70	35.0	12.6	.48	1.06	114
LANKART 57	651	BC	7.70	59	35.2	15.6	.46	1.02	105
N. STAR 5	571	C	6.03	76	35.0	13.1	.44	.98	102

ALTUS, OKLA.

STONEVILLE 7A	327	A	4.74	96	34.8	9.5	.47	1.10	120
PARROTT	317	A	5.88	78	35.9	10.6	.47	.98	119
LANKART 57	317	A	6.68	68	34.7	14.1	.47	1.03	112
PAYMASTER 101A	316	A	5.77	80	35.4	10.1	.46	.98	125
BLIGHTMASTER	312	A	6.09	75	34.6	10.0	.47	1.06	124
DELTAPINE S.L.	306	AB	4.93	93	34.9	8.6	.51	1.10	131
AUBURN 56	303	AB	5.70	80	32.3	12.1	.48	1.08	124
LOCKETT 4789	270	BC	5.76	80	32.2	10.1	.47	1.04	124
GREGG 35	238	C	5.68	80	32.1	11.2	.47	1.02	137
N. STAR 5	198	D	5.60	81	34.9	11.2	.44	.98	107

## 1965 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING			STELOMETER			AREALO-		COLORI-			
	MICRO-	SLIVER	MEAN	TO	T1	E1	METER	METER	A	D	RD	B
	NAIRE	UHM	MEAN	TO	T1	E1	A	D	•	•	•	•
	•	•	•	•	•	•	•	•	•	•	•	•

BROWNFIELD, TEX.

PAYMASTER 101A	4.40	1.04	.89	31.4	17.5	10.4	472	40	73	7.5
AUBURN 56	4.10	1.18	1.01	30.9	16.9	11.9	478	49	74	8.3
GREGG 35	4.10	1.07	.93	36.2	19.9	9.9	488	37	71	7.3
LOCKETT 4789	4.40	1.18	1.00	32.0	17.0	10.2	478	49	74	7.3
LANKART 57	4.40	1.13	.95	26.2	14.2	11.2	471	42	74	7.5
STONEVILLE 7A	4.40	1.28	1.07	35.1	18.4	8.4	471	51	75	7.8
PARROTT	4.40	1.05	.91	28.5	15.5	10.6	463	40	75	7.3
BLIGHTMASTER	4.50	1.10	.95	30.6	16.6	11.4	472	55	75	7.8
DELTAPINE S.L.	4.40	1.25	1.05	31.0	17.7	13.5	471	45	74	7.8
N. STAR 5	4.40	1.10	.94	30.6	15.5	8.7	465	48	75	8.0

LUBBOCK, TEX.

DELTAPINE S.L.	4.30	1.17	.95	31.9	18.0	11.9	479	48	72	7.5
STONEVILLE 7A	4.40	1.16	.95	35.3	17.8	7.7	456	39	69	7.8
AUBURN 56	4.10	1.10	.89	32.4	17.3	9.3	493	57	68	8.0
PARROTT	4.40	.96	.80	32.7	16.0	9.4	472	40	72	7.8
BLIGHTMASTER	4.40	1.01	.83	31.9	15.8	9.6	468	54	72	8.5
PAYMASTER 101A	3.80	.96	.80	37.3	18.0	9.1	488	42	70	8.0
LOCKETT 4789	4.20	1.03	.85	34.2	17.1	9.7	460	42	70	7.8
LANKART 57	4.60	1.00	.82	30.0	15.4	12.3	447	38	67	8.8
GREGG 35	3.90	1.02	.83	36.9	19.6	8.4	491	53	70	8.0
N. STAR 5	3.10	1.01	.82	31.5	14.9	7.8	542	66	72	8.8

HALFWAY, TEX.

AUBURN 56	3.30	1.10	.89	32.2	17.4	11.7	551	75	72	6.5
BLIGHTMASTER	4.10	1.02	.85	32.7	16.6	9.4	483	54	75	7.8
PAYMASTER 101A	3.70	1.04	.89	31.7	16.9	9.6	513	58	76	7.3
STONEVILLE 7A	3.20	1.12	.87	34.2	17.2	8.3	548	73	72	6.3
PARROTT	3.60	1.03	.88	31.6	16.1	9.8	522	60	74	7.0
GREGG 35	3.50	1.04	.87	36.5	19.1	7.8	520	54	70	7.0
DELTAPINE S.L.	3.50	1.12	.89	33.3	18.3	12.6	541	61	73	6.8
LOCKETT 4789	3.50	1.12	.95	33.1	16.9	8.7	526	71	71	7.0
LANKART 57	3.50	1.10	.93	29.4	15.9	11.3	533	63	74	7.3
N. STAR 5	3.30	1.08	.88	32.0	16.1	7.6	532	75	76	7.8

ALTUS, OKLA.

STONEVILLE 7A	4.00	1.12	.91	37.1	17.6	7.0	478	39	75	7.5
PARROTT	4.50	1.02	.83	36.3	18.4	8.5	464	36	75	7.5
LANKART 57	3.90	1.07	.87	32.7	17.1	9.6	480	54	72	8.0
PAYMASTER 101A	3.80	1.01	.82	38.0	18.9	7.2	503	52	74	7.3
BLIGHTMASTER	3.60	1.08	.88	36.9	18.1	8.3	519	45	73	7.0
DELTAPINE S.L.	4.00	1.11	.90	38.9	19.4	9.1	492	35	75	7.3
AUBURN 56	3.70	1.08	.84	36.5	18.2	8.5	506	46	74	7.3
LOCKETT 4789	3.60	1.07	.86	38.4	18.3	7.6	513	68	74	7.8
GREGG 35	3.50	1.06	.88	41.8	21.1	7.5	551	56	74	7.5
N. STAR 5	3.40	.99	.78	35.3	15.9	6.3	528	69	73	8.8

## 1965 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH	22'S	
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	22'S	
	PER ACRE	LB.	BOLL	LB.			PCT.	PCT.		

MANGUM, OKLA.

N. STAR 5	257 A	5.88	79	38.6	14.1	.46	.99	108
BLIGHTMASTER	231 A	5.80	79	35.3	13.9	.49	1.07	119
LANKART 57	218 A	7.54	61	38.5	15.3	.47	1.01	113
PAYMASTER 101A	218 A	6.32	72	36.5	14.1	.51	1.02	130
STONEVILLE 7A	208 A	5.28	86	36.2	12.8	.53	1.15	127
LOCKETT 4789	203 A	6.46	71	35.6	14.3	.50	1.07	124
PARROTT	203 A	6.40	72	38.0	14.3	.47	1.00	115
AUBURN 56	198 A	5.16	88	35.2	13.7	.48	1.05	126
GREGG 35	190 A	5.58	82	33.3	13.7	.48	.99	127
DELTAPINE S.L.	186 A	5.10	90	36.2	12.3	.52	1.10	124

CHICKASHA, OKLA., (DRYLAND)

AUBURN 56	511 A	6.10	75	35.9	12.8	.51	1.08	137
LANKART 57	489 AB	8.32	55	39.4	14.5	.50	1.05	119
LOCKETT 4789	476 AB	7.16	65	36.2	13.9	.50	1.05	123
STONEVILLE 7A	461 AB	5.72	80	38.4	12.1	.53	1.16	134
PAYMASTER 101A	453 AB	7.26	63	37.3	12.9	.48	.99	133
PARROTT	433 B	7.46	61	39.0	14.0	.51	1.04	123
BLIGHTMASTER	429 BC	6.88	66	35.8	12.1	.51	1.09	128
N. STAR 5	423 BC	7.12	64	37.8	10.7	.49	1.04	118
GREGG 35	417 BC	6.58	69	34.2	13.1	.51	1.03	136
DELTAPINE S.L.	360 C	5.84	78	36.7	12.0	.54	1.15	143

CHICKASHA, OKLA., (IRRIGATED)

STONEVILLE 7A	1117 A	6.44	71	40.1	12.0	.54	1.17	128
DELTAPINE S.L.	1063 AB	6.14	74	39.8	12.8	.56	1.16	134
AUBURN 56	1017 BC	6.70	68	37.9	14.0	.55	1.14	128
N. STAR 5	966 CD	7.94	57	38.7	14.0	.50	1.05	113
PAYMASTER 101A	939 DE	7.88	58	38.7	13.4	.49	1.01	122
LANKART 57	937 DE	9.90	46	40.2	15.2	.52	1.07	112
PARROTT	933 DE	8.00	57	41.3	12.6	.51	1.02	115
BLIGHTMASTER	928 DE	7.72	59	36.6	13.7	.51	1.09	116
LOCKETT 4789	911 DE	7.74	59	37.0	13.8	.52	1.12	126
GREGG 35	878 E	7.16	64	36.0	13.4	.52	1.06	137

MCGREGOR, TEX.

STONEVILLE 7A	485 A	4.89	93	38.9	9.1	.50	1.10	119
BLIGHTMASTER	427 AB	5.00	91	37.8	9.6	.47	.98	114
LOCKETT 4789	407 BC	5.85	78	37.2	9.9	.49	1.06	123
PARROTT	374 BCD	5.55	82	39.3	9.3	.44	.93	113
AUBURN 56	364 BCD	4.82	95	35.7	9.8	.48	1.05	126
LANKART 57	362 BCD	7.05	65	39.0	11.6	.46	.99	111
GREGG 35	358 BCD	5.14	89	34.6	10.1	.44	.94	126
DELTAPINE S.L.	348 BCD	4.70	97	37.9	8.6	.49	1.06	120
PAYMASTER 101A	344 CD	5.71	80	37.7	10.1	.46	.94	129
N. STAR 5	310 D	5.45	83	38.4	9.4	.46	.95	108

## 1965 PLAINS REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	MEAN	A
	•	•	•	•

MANGUM, OKLA.

N. STAR 5	4.60	1.04	.84	38.3	17.8	6.4	444	42	72	9.0
BLIGHTMASTER	4.20	1.07	.89	38.5	17.9	8.2	474	40	73	8.3
LANKART 57	5.10	1.06	.90	33.4	17.6	9.7	426	30	73	8.5
PAYMASTER 101A	4.80	1.03	.85	40.3	20.6	7.4	438	26	75	7.8
STONEVILLE 7A	4.90	1.20	1.00	39.7	19.0	6.6	439	35	74	7.3
LOCKETT 4789	4.60	1.09	.91	37.2	18.3	7.9	454	40	74	8.0
PARROTT	5.20	1.01	.84	37.6	19.2	8.3	423	34	71	8.5
AUBURN 56	4.50	1.08	.91	39.0	19.3	8.2	482	44	73	8.3
GREGG 35	4.40	1.02	.87	41.5	20.6	6.7	457	36	72	7.5
DELTAPINE S.L.	5.00	1.12	.94	37.6	19.5	9.3	434	32	75	8.3

CHICKASHA, OKLA., (DRYLAND)

AUBURN 56	4.40	1.13	.96	39.5	20.6	6.9	454	51	73	8.0
LANKART 57	4.60	1.09	.93	35.1	18.4	9.6	435	40	72	8.5
LOCKETT 4789	4.40	1.08	.93	37.5	18.6	7.9	463	44	74	8.0
STONEVILLE 7A	4.80	1.23	1.04	40.8	19.6	6.8	431	38	75	8.0
PAYMASTER 101A	4.70	1.02	.90	41.1	20.3	7.1	431	29	75	8.0
PARROTT	5.10	1.06	.94	38.0	20.2	8.1	419	24	74	8.0
BLIGHTMASTER	4.20	1.11	.92	40.7	19.2	7.5	463	46	76	8.3
N. STAR 5	4.60	1.05	.90	38.4	17.7	6.9	436	39	74	9.0
GREGG 35	4.20	1.04	.89	41.6	21.0	6.8	461	40	73	7.8
DELTAPINE S.L.	4.60	1.19	1.00	40.0	20.8	8.4	442	33	74	8.3

CHICKASHA, OKLA., (IRRIGATED)

STONEVILLE 7A	4.70	1.19	1.00	34.4	18.3	7.8	441	42	76	7.8
DELTAPINE S.L.	4.50	1.20	1.02	35.8	19.5	9.4	456	49	75	7.5
AUBURN 56	4.60	1.18	1.00	34.4	18.6	8.4	453	48	73	7.3
N. STAR 5	4.30	1.09	.92	33.6	17.4	7.0	463	46	78	8.0
PAYMASTER 101A	4.70	1.07	.91	35.3	18.6	8.5	460	45	77	7.5
LANKART 57	4.70	1.12	.95	30.7	16.6	10.6	443	43	74	7.8
PARROTT	5.10	1.06	.92	32.4	17.6	9.3	415	35	76	7.8
BLIGHTMASTER	4.30	1.11	.91	33.8	17.1	8.2	455	40	75	7.8
LOCKETT 4789	4.60	1.15	.97	35.0	17.9	7.7	446	41	74	7.8
GREGG 35	4.20	1.08	.91	39.1	21.2	7.6	488	39	76	7.8

MCGREGOR, TEX.

STONEVILLE 7A	4.80	1.11	.90	40.2	17.9	5.8	436	30	69	7.5
BLIGHTMASTER	5.00	1.00	.82	39.0	18.4	7.1	416	28	71	8.8
LOCKETT 4789	4.50	1.05	.84	39.7	18.8	6.8	446	36	69	8.3
PARROTT	4.80	.95	.80	38.9	18.1	6.7	441	27	69	8.3
AUBURN 56	4.20	1.06	.85	39.7	18.9	6.8	486	37	68	7.8
LANKART 57	5.10	1.00	.83	35.3	17.9	9.0	421	28	68	9.0
GREGG 35	4.30	.94	.76	43.2	20.5	6.1	467	35	68	8.3
DELTAPINE S.L.	4.60	1.06	.86	38.6	20.3	8.2	453	31	69	8.0
PAYMASTER 101A	4.80	.95	.78	42.1	20.6	6.5	474	29	69	8.3
N. STAR 5	4.50	.95	.76	38.9	17.2	6.1	446	41	69	8.8

1965 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	BOLL SIZE										•		
	YIELD		GRAM		NO.		LINT		SEED		SPAN	LENGTH	•
	• LB.	• LINT	• PER	• PER	• PCT.	• PCT.	• INDEX	• 50	2.5	• 22'S	• PCT.	• PCT.	•
	• PER ACRE	• BOLL	• LB.	•	•	•	•	•	•	•	•	•	

VARIETIES COMBINING LOCATIONS

HOPICALA	1125 A	6.80	67	35.6	13.1	• 54	1.14	149
E 364	1124 A	6.77	67	34.3	13.1	• 54	1.19	147
ACALA 1517V	1114 A	6.57	69	34.7	13.5	• 56	1.21	150
AUBURN 56	1092 A	6.04	75	34.4	11.8	• 48	1.08	119
EA 12302	1091 A	6.71	68	34.2	13.7	• 54	1.15	143
EA 67-2	1059 A	6.88	66	34.3	13.6	• 54	1.14	142
ACALA 1517D	1047 A	6.70	68	33.3	13.8	• 56	1.20	153
DELTAPINE S.L.	1042 A	5.51	83	36.5	10.1	• 49	1.11	124
ACALA 4-42	1035 A	7.43	61	36.5	13.4	• 52	1.11	140
STRAIN A	1029 A	6.21	73	34.6	12.0	• 51	1.12	139
STONEVILLE 7A	1016 A	5.59	82	34.7	10.7	• 48	1.11	120
B 1415	1010 A	6.85	67	34.0	13.2	• 55	1.17	152

SUBREGIONAL SUMMARY COMBINING BRAWLEY, PHOENIX, AND MARANA

HOPICALA	1401 A	7.21	63	37.0	13.5	• 55	1.13	153
E 364	1343 A	6.86	66	35.1	13.3	• 56	1.19	152
STRAIN A	1343 A	6.44	71	34.7	12.4	• 54	1.13	144
EA 12302	1332 A	6.78	67	34.9	14.3	• 56	1.17	147
STONEVILLE 7A	1325 A	5.78	79	36.2	11.1	• 51	1.12	123
AUBURN 56	1321 A	6.10	75	34.8	12.0	• 51	1.10	122
ACALA 1517V	1319 A	6.78	67	35.3	13.7	• 58	1.23	155
DELTAPINE S.L.	1305 A	5.73	79	37.7	10.4	• 51	1.13	122
EA 67-2	1302 A	7.13	64	35.1	13.9	• 56	1.16	145
ACALA 1517D	1258 A	7.02	65	33.4	14.5	• 57	1.20	157
ACALA 4-42	1229 A	7.35	62	37.3	13.8	• 54	1.14	145
B 1415	1206 A	6.81	67	34.3	13.4	• 55	1.17	158

SUBREGIONAL SUMMARY COMBINING UNIVERSITY PARK, ARTESIA, EL PASO, AND PAHRUMP

E 364	1022 A	6.71	68	35.3	13.0	• 54	1.19	143
ACALA 1517V	996 AB	6.41	71	35.7	13.3	• 54	1.19	146
HOPICALA	945 ABC	6.49	70	36.1	12.8	• 55	1.16	146
EA 12302	942 ABC	6.67	68	35.5	13.3	• 52	1.13	139
AUBURN 56	934 ABC	6.01	76	35.6	11.7	• 47	1.07	117
ACALA 1517D	924 ABC	6.47	70	34.5	13.4	• 55	1.20	151
B 1415	911 ABC	6.88	66	35.5	13.0	• 55	1.18	147
ACALA 4-42	894 ABC	7.48	61	37.0	13.1	• 51	1.10	134
EA 67-2	893 ABC	6.69	68	34.9	13.4	• 53	1.14	139
DELTAPINE S.L.	848 BC	5.34	86	36.7	9.9	• 49	1.11	127
STONEVILLE 7A	820 C	5.44	84	35.0	10.5	• 48	1.11	118
STRAIN A	810 C	6.03	76	35.8	11.6	• 50	1.12	135

LOCATIONS COMBINING VARIETIES

SHAFTER, CAL.	955			29.3		• 50	1.13	140
BRAWLEY, CAL.	1941	6.75	68	36.4	12.6	• 53	1.15	141
PHOENIX, ARIZ.	1082	6.54	70	33.5	13.8	• 56	1.18	146
MARANA, ARIZ.	899	6.70	68	36.6	12.7	• 54	1.14	143
U. PD., N. MEX.	857	6.40	72	36.0	11.8	• 49	1.10	136
EL PASO, TEX.	1227	6.28	73	39.1	12.2	• 51	1.14	134
ARTIA, N. MEX.	869	6.25	74	35.4	13.3	• 57	1.19	137
PAHRUMP, NEV.	694	6.61	69	31.9	12.3	• 51	1.13	140

1965 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	MEAN	A
				D

VARIETIES COMBINING LOCATIONS

HOPICALA	3.80	1.18	.98	40.5	22.1	8.0	507	44	76	7.4
E 364	3.70	1.22	1.00	39.9	21.2	7.6	512	42	76	7.4
ACALA 1517V	3.80	1.24	1.02	40.7	21.4	7.4	515	47	76	7.2
AUBURN 56	3.70	1.11	.90	33.9	17.5	9.5	514	54	75	7.4
EA 12302	3.90	1.18	.98	39.0	20.8	8.0	494	48	75	7.5
EA 67-2	3.80	1.19	.99	38.5	21.0	8.0	500	51	75	7.5
ACALA 1517D	3.90	1.25	1.03	39.9	21.8	8.3	501	42	75	7.4
DELTAPINE S.L.	3.90	1.15	.93	34.6	18.3	11.0	506	49	76	7.5
ACALA 4-42	3.80	1.16	.96	37.8	20.7	8.8	514	53	76	7.6
STRAIN A	3.80	1.15	.96	38.1	20.5	8.2	512	52	75	7.5
STONEVILLE 7A	4.00	1.15	.92	36.5	17.3	7.2	490	46	75	7.5
B 1415	4.00	1.22	1.00	42.0	21.6	7.1	487	41	75	8.1

SUBREGIONAL SUMMARY COMBINING BRAWLEY, PHOENIX, AND MARANA

HOPICALA	4.30	1.16	.96	43.2	23.1	7.1	454	29	77	7.4
E 364	4.30	1.22	1.00	42.8	22.0	6.9	466	27	77	7.3
STRAIN A	4.40	1.16	.95	40.3	21.4	7.3	456	37	75	7.9
EA 12302	4.50	1.19	.99	41.3	21.9	7.4	452	33	76	7.6
STONEVILLE 7A	4.80	1.15	.92	38.8	17.8	6.4	436	29	77	7.5
AUBURN 56	4.50	1.11	.90	35.3	17.9	8.6	454	36	75	7.6
ACALA 1517V	4.20	1.24	1.02	43.6	22.6	6.7	471	37	77	7.5
DELTAPINE S.L.	4.60	1.15	.92	35.5	18.5	10.6	446	33	76	7.9
EA 67-2	4.40	1.18	.98	40.8	22.1	7.5	460	37	75	7.7
ACALA 1517D	4.40	1.24	1.03	41.6	22.8	7.5	461	28	76	7.6
ACALA 4-42	4.10	1.16	.96	40.7	22.0	7.8	487	45	76	7.8
B 1415	4.50	1.19	.98	44.6	22.8	6.4	449	29	75	8.2

SUBREGIONAL SUMMARY COMBINING UNIVERSITY, PARK, ARTESIA, EL PASO, AND PAHRUMP

E 364	3.30	1.22	1.00	37.5	20.5	8.2	547	54	76	7.4
ACALA 1517V	3.40	1.24	1.01	38.5	20.5	8.0	547	60	75	7.0
HOPICALA	3.60	1.21	1.01	38.4	21.3	8.7	543	56	76	7.2
EA 12302	3.50	1.18	.97	37.3	20.0	8.4	525	60	74	7.4
AUBURN 56	3.10	1.11	.90	32.7	17.4	10.3	560	67	75	7.4
ACALA 1517D	3.50	1.25	1.04	38.4	21.1	9.0	536	53	75	7.2
B 1415	3.70	1.24	1.03	40.1	20.6	7.6	514	49	75	8.1
ACALA 4-42	3.40	1.15	.96	35.5	19.7	9.6	539	65	76	7.5
EA 67-2	3.40	1.19	.99	36.7	20.3	8.5	533	64	75	7.4
DELTAPINE S.L.	3.30	1.15	.93	33.9	18.3	11.4	555	63	77	7.4
STONEVILLE 7A	3.40	1.15	.92	34.7	17.2	8.0	532	58	75	7.5
STRAIN A	3.30	1.15	.97	36.3	19.7	9.1	561	67	75	7.3

LOCATIONS COMBINING VARIETIES

SHAFTER, CAL.	3.90	1.18	.96	38.9	20.2	8.0	498	42	73	7.5
BRAWLEY, CAL.	4.30	1.15	.94	40.0	20.5	7.8	471	40	75	6.2
PHOENIX, ARIZ.	4.60	1.21	1.00	41.1	21.9	7.2	446	28	77	8.1
MARANA, ARIZ.	4.40	1.17	.95	40.9	21.3	7.6	457	31	77	8.7
U. PD., N. MEX.	2.90	1.11	.87	37.4	20.3	8.8	580	72	76	7.4
EL PASO, TEX.	3.80	1.21	.99	37.5	19.8	8.9	505	44	69	7.0
ARTIA, N. MEX.	4.00	1.25	1.05	35.8	19.5	9.2	486	44	76	7.9
PAHRUMP, NEV.	2.90	1.18	1.00	36.0	19.3	8.7	592	78	80	7.2

1965 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL			BOLL SIZE, NO. PER LB.			LINT PCT.		
ACALA 4-42	7.43	A	DELTAPINE S.L.	83	A	ACALA 4-42	36.5	A
EA 67-2	6.88	B	STONEVILLE 7A	82	A	DELTAPINE S.L.	36.5	A
B 1415	6.85	B	AUBURN 56	75	B	HOPICALA	35.6	A
HOPICALA	6.80	B	STRAIN A	73	B	STONEVILLE 7A	34.7	B
E 364	6.77	B	ACALA 1517V	69	C	ACALA 1517V	34.7	B
EA 12302	6.71	B	ACALA 1517D	68	C	STRAIN A	34.6	B
ACALA 1517D	6.70	B	EA 12302	68	C	AUBURN 56	34.4	B
ACALA 1517V	6.57	B	HOPICALA	67	C	E 364	34.3	B
STRAIN A	6.21	C	E 364	67	C	EA 67-2	34.3	B
AUBURN 56	6.04	C	B 1415	67	C	EA 12302	34.2	BC
STONEVILLE 7A	5.59	D	EA 67-2	66	C	B 1415	34.0	BC
DELTAPINE S.L.	5.51	D	ACALA 4-42	61	D	ACALA 1517D	33.3	C

SEED INDEX			SPAN LENGTH, 50 PCT.			SPAN LENGTH, 2.5 PCT.		
ACALA 1517D	13.8	A	ACALA 1517D	.56	A	ACALA 1517V	1.21	A
EA 12302	13.7	A	ACALA 1517V	.56	A	ACALA 1517D	1.20	A
EA 67-2	13.6	AB	B 1415	.55	AB	E 364	1.19	AB
ACALA 1517V	13.5	ABC	HOPICALA	.54	B	B 1415	1.17	BC
ACALA 4-42	13.4	ABC	E 364	.54	B	EA 12302	1.15	CD
B 1415	13.2	BC	EA 67-2	.54	B	HOPICALA	1.14	DE
E 364	13.1	C	EA 12302	.54	B	EA 67-2	1.14	DE
HOPICALA	13.1	C	ACALA 4-42	.52	C	STRAIN A	1.12	EF
STRAIN A	12.0	D	STRAIN A	.51	C	ACALA 4-42	1.11	F
AUBURN 56	11.8	D	DELTAPINE S.L.	.49	D	DELTAPINE S.L.	1.11	F
STONEVILLE 7A	10.7	E	AUBURN 56	.48	D	STONEVILLE 7A	1.11	F
DELTAPINE S.L.	10.1	F	STONEVILLE 7A	.48	D	AUBURN 56	1.08	G

22'S			MICRONAIRE			DRAWING SLIVER, UHM		
ACALA 1517D	153	A	STONEVILLE 7A	4.00	A	ACALA 1517D	1.25	A
B 1415	152	AB	B 1415	4.00	A	ACALA 1517V	1.24	A
ACALA 1517V	150	AB	ACALA 1517D	3.90	AB	E 364	1.22	AB
HOPICALA	149	AB	DELTAPINE S.L.	3.90	AB	B 1415	1.22	AB
E 364	147	BC	EA 12302	3.90	AB	EA 67-2	1.19	BC
EA 12302	143	CD	ACALA 4-42	3.80	AB	HOPICALA	1.18	CD
EA 67-2	142	D	HOPICALA	3.80	AB	EA 12302	1.18	CD
ACALA 4-42	140	D	STRAIN A	3.80	AB	ACALA 4-42	1.16	CD
STRAIN A	139	D	ACALA 1517V	3.80	AB	DELTAPINE S.L.	1.15	D
DELTAPINE S.L.	124	E	EA 67-2	3.80	AB	STONEVILLE 7A	1.15	D
STONEVILLE 7A	120.	EF	AUBURN 56	3.70	B	STRAIN A	1.15	D
AUBURN 56	119	F	E 364	3.70	B	AUBURN 56	1.11	E

1965 WESTERN REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

DRAWING SLIVER, MEAN		STELOMETER - T0		AREALOMETER - A	
ACALA 1517D	1.03 A	B 1415	42.0 A	ACALA 1517V	515 A
ACALA 1517V	1.02 AB	ACALA 1517V	40.7 B	ACALA 4-42	514 AB
E 364	1.00 ABC	HOPICALA	40.5 B	AUBURN 56	514 AB
B 1415	1.00 ABC	ACALA 1517D	39.9 BC	STRAIN A	512 AB
EA 67-2	.99 BCD	E 364	39.9 BC	E 364	512 AB
HOPICALA	.98 CD	EA 12302	39.0 CD	HOPICALA	507 ABC
EA 12302	.98 CD	EA 67-2	38.5 DE	DELTAPINE S.L.	506 ABC
ACALA 4-42	.96 DE	STRAIN A	38.1 DE	ACALA 1517D	501 ABC
STRAIN A	.96 DE	ACALA 4-42	37.8 E	EA 67-2	500 ABC
DELTAPINE S.L.	.93 EF	STONEVILLE 7A	36.5 F	EA 12302	494 ABC
STONEVILLE 7A	.92 F	DELTAPINE S.L.	34.6 G	STONEVILLE 7A	490 BC
AUBURN 56	.90 F	AUBURN 56	33.9 G	B 1415	487 C

STELOMETER - E1		STELOMETER - T1		AREALOMETER - D	
DELTAPINE S.L.	11.0 A	HOPICALA	22.1 A	AUBURN 56	54 A
AUBURN 56	9.5 B	ACALA 1517D	21.8 AB	ACALA 4-42	53 AB
ACALA 4-42	8.8 C	B 1415	21.6 ABC	STRAIN A	52 AB
ACALA 1517D	8.3 CD	ACALA 1517V	21.4 ABCD	EA 67-2	51 ABC
STRAIN A	8.2 DE	E 364	21.2 BCDE	DELTAPINE S.L.	49 ABCD
HOPICALA	8.0 DEF	EA 67-2	21.0 CDE	EA 12302	48 ABCD
EA 67-2	8.0 DEF	EA 12302	20.8 DE	ACALA 1517V	47 ABCD
EA 12302	8.0 DEF	ACALA 4-42	20.7 DE	STONEVILLE 7A	46 ABCD
E 364	7.6 EFG	STRAIN A	20.5 E	HOPICALA	44 BCD
ACALA 1517V	7.4 FG	DELTAPINE S.L.	18.3 F	ACALA 1517D	42 CD
STONEVILLE 7A	7.2 G	AUBURN 56	17.5 G	E 364	42 CD
B 1415	7.1 G	STONEVILLE 7A	17.3 G	B 1415	41 D

COLORIMETER - RD		COLORIMETER - B	
ACALA 4-42	76 A	ACALA 4-42	8.1 A
DELTAPINE S.L.	76 A	ACALA 1517D	7.6 B
HOPICALA	76 A	STONEVILLE 7A	7.5 BC
ACALA 1517V	76 A	HOPICALA	7.5 BC
E 364	76 A	ACALA 1517V	7.5 BC
ACALA 1517D	75 A	EA 67-2	7.5 BC
AUBURN 56	75 A	EA 12302	7.5 BC
STONEVILLE 7A	75 A	AUBURN 56	7.4 BC
STRAIN A	75 A	DELTAPINE S.L.	7.4 BC
B 1415	75 A	STRAIN A	7.4 BC
EA 67-2	75 A	B 1415	7.4 BC
EA 12302	75 A	E 364	7.2 C

## 1965 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE							
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5
	PER ACRE		BOLL	LB.			PCT.	PCT.

SHAFTER, CAL.

EA 67-2	1096	A		29.5			.52	1.12	144
ACALA 4-42	1068	A		32.3			.53	1.12	146
AUBURN 56	1031	AB		28.8			.46	1.06	118
ACALA 1517V	1024	AB		29.3			.55	1.22	154
STRAIN A	1022	AB		29.8			.48	1.11	138
DELTAPINE S.L.	979	ABC		32.1			.46	1.10	120
HOPICALA	960	ABC		29.5			.49	1.10	149
ACALA 1517D	945	ABC		28.4			.53	1.17	152
EA 12302	941	ABC		27.5			.52	1.15	143
E 364	844	BCD		28.1			.53	1.18	147
STONEVILLE 7A	804	CD		29.3			.45	1.08	115
B 1415	744	D		27.0			.51	1.14	155

BRAWLEY, CAL.

STRAIN A	2180	A	6.86	66	35.6	12.6	.53	1.15	143
HOPICALA	2085	AB	7.50	61	37.9	12.6	.54	1.13	152
EA 67-2	2034	BC	7.38	62	37.0	13.5	.56	1.15	149
EA 12302	2032	BC	6.62	69	36.7	13.7	.56	1.17	144
AUBURN 56	2029	BC	6.17	74	36.1	11.8	.49	1.08	117
E 364	1934	CD	6.72	68	35.7	12.5	.56	1.21	144
STONEVILLE 7A	1922	CD	6.06	75	35.8	10.8	.49	1.10	121
ACALA 1517V	1906	CDE	6.90	66	36.0	13.7	.56	1.22	152
DELTAPINE S.L.	1868	DE	5.62	81	38.1	10.2	.49	1.13	121
ACALA 1517D	1846	DE	7.32	62	34.5	14.0	.56	1.18	155
ACALA 4-42	1781	EF	6.97	65	37.8	13.4	.50	1.11	144
B 1415	1673	F	6.91	66	35.9	12.7	.52	1.14	148

PHOENIX, ARIZ.

STONEVILLE 7A	1217	A	5.48	83	34.9	11.5	.52	1.15	124
DELTAPINE S.L.	1202	A	5.83	78	36.3	10.7	.52	1.14	119
STRAIN A	1155	AB	6.24	73	32.6	13.1	.55	1.14	147
HOPICALA	1089	BC	6.91	66	35.0	14.7	.57	1.16	153
AUBURN 56	1082	BC	5.91	77	32.6	12.6	.53	1.13	127
E 364	1075	BC	6.91	66	33.2	14.3	.58	1.22	159
EA 12302	1074	BC	6.89	66	32.5	15.3	.58	1.21	152
EA 67-2	1072	BC	7.05	65	32.8	14.9	.58	1.18	150
ACALA 1517D	1051	BCD	6.86	66	31.4	15.3	.59	1.24	158
ACALA 1517V	1029	CD	6.50	70	33.0	14.3	.61	1.27	161
B 1415	987	CD	6.60	69	31.7	14.2	.59	1.22	165
ACALA 4-42	950	D	7.36	62	35.8	14.6	.57	1.15	144

MARANA, ARIZ.

HOPICALA	1027	A	7.23	63	38.0	13.2	.55	1.11	156
ACALA 1517V	1024	A	6.95	65	37.0	13.2	.58	1.21	151
E 364	1019	A	6.94	66	36.4	13.2	.54	1.16	154
B 1415	960	AB	6.92	66	35.4	13.4	.55	1.14	161
ACALA 4-42	956	AB	7.73	59	38.4	13.5	.56	1.15	146
EA 12302	891	BC	6.82	67	35.5	13.9	.54	1.12	146
ACALA 1517D	879	BCD	6.89	66	34.5	14.1	.57	1.20	159
AUBURN 56	852	CD	6.22	73	35.8	11.8	.52	1.09	123
DELTAPINE S.L.	846	CD	5.75	79	38.7	10.2	.51	1.11	125
STONEVILLE 7A	837	CD	5.82	78	38.0	11.0	.51	1.13	124
EA 67-2	800	D	6.97	65	35.6	13.3	.54	1.14	138
STRAIN A	693	E	6.24	73	35.8	11.5	.54	1.11	141

## 1965 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	•	METER	METER
	SLIVER	•	•	•
	•	•	•	•
•	•	•	•	•

SHAFTER, CAL.

EA 67-2	3.90	1.19	.98	39.1	20.7	7.8	490	47	75	7.5
ACALA 4-42	4.10	1.18	.99	38.3	20.8	8.3	499	33	74	7.5
AUBURN 56	3.80	1.11	.87	34.6	17.3	9.3	508	54	72	7.3
ACALA 1517V	3.80	1.27	1.06	40.9	21.3	7.3	518	27	75	7.3
STRAIN A	4.00	1.14	.95	38.9	21.2	7.5	481	38	74	7.3
DELTAPINE S.L.	4.00	1.15	.93	34.8	17.9	10.7	490	45	75	6.8
HOPICALA	3.40	1.13	.92	41.2	22.1	8.3	523	44	74	8.0
ACALA 1517D	4.10	1.24	1.03	40.9	21.8	8.0	482	38	74	7.5
EA 12302	3.80	1.20	.99	38.8	20.3	8.1	497	49	72	7.8
E 364	3.80	1.22	1.00	40.8	21.0	7.2	513	39	71	7.8
STONEVILLE 7A	4.00	1.13	.90	36.9	16.4	7.0	487	48	72	7.5
B 1415	3.90	1.20	.98	42.0	21.7	7.1	491	46	76	8.0

BRAWLEY, CAL.

STRAIN A	4.40	1.15	.94	39.5	20.7	7.2	456	47	74	6.5
HOPICALA	4.20	1.15	.96	41.3	22.3	7.2	462	39	75	6.0
EA 67-2	4.40	1.15	.98	40.5	21.6	7.3	462	35	73	6.0
EA 12302	4.60	1.19	.97	41.0	21.4	7.3	451	39	74	6.0
AUBURN 56	4.30	1.09	.89	34.1	17.6	8.9	465	43	74	6.3
E 364	4.30	1.19	.97	41.5	20.3	7.2	482	35	76	6.0
STONEVILLE 7A	4.30	1.11	.89	38.3	17.3	6.6	474	44	75	6.0
ACALA 1517V	4.20	1.22	.98	43.6	22.6	7.0	478	39	76	6.3
DELTAPINE S.L.	4.30	1.11	.89	35.2	17.8	12.7	469	48	76	6.3
ACALA 1517D	4.30	1.23	1.03	41.6	22.4	8.0	472	26	75	6.0
ACALA 4-42	3.80	1.13	.92	41.2	21.2	7.0	512	52	75	6.8
B 1415	4.20	1.17	.96	42.6	21.1	7.0	467	38	76	6.5

PHOENIX, ARIZ.

STONEVILLE 7A	5.00	1.19	.97	38.8	18.0	6.2	417	20	78	7.5
DELTAPINE S.L.	5.10	1.17	.96	35.5	19.0	9.3	413	18	76	8.5
STRAIN A	4.70	1.20	.99	41.4	22.2	7.0	451	33	76	8.3
HOPICALA	4.60	1.18	.97	44.7	24.0	6.9	452	27	79	8.0
AUBURN 56	4.80	1.14	.94	35.8	18.2	8.4	434	27	77	7.8
E 364	4.40	1.25	1.03	44.0	23.2	6.6	466	23	79	7.8
EA 12302	4.50	1.23	1.03	41.4	22.0	7.4	457	33	78	8.3
EA 67-2	4.50	1.22	1.02	41.4	22.7	7.4	451	35	77	8.3
ACALA 1517D	4.50	1.27	1.05	40.4	23.1	7.3	454	33	77	8.3
ACALA 1517V	4.20	1.29	1.08	43.6	23.1	6.6	463	30	77	8.0
B 1415	4.60	1.23	1.02	45.9	24.5	6.1	437	29	75	8.8
ACALA 4-42	4.40	1.19	.99	41.1	22.5	7.8	456	33	76	8.0

MARANA, ARIZ.

HOPICALA	4.30	1.15	.96	43.7	23.1	7.2	449	20	78	8.3
ACALA 1517V	4.30	1.23	.99	43.5	22.0	6.6	472	41	78	8.3
E 364	4.40	1.21	.99	42.8	22.6	7.0	452	23	77	8.3
B 1415	4.70	1.18	.96	45.2	22.8	6.2	445	20	74	9.3
ACALA 4-42	4.20	1.17	.97	39.8	22.4	8.6	492	50	77	8.5
EA 12302	4.50	1.16	.97	41.4	22.5	7.7	448	28	77	8.5
ACALA 1517D	4.50	1.22	1.02	42.7	23.0	7.3	458	26	77	8.5
AUBURN 56	4.40	1.11	.87	36.2	17.8	8.5	462	38	75	8.8
DELTAPINE S.L.	4.40	1.17	.93	36.0	18.8	9.9	455	34	78	9.0
STONEVILLE 7A	5.00	1.15	.91	39.3	18.1	6.3	418	25	78	9.0
EA 67-2	4.20	1.17	.96	40.6	22.0	7.9	467	40	76	8.8
STRAIN A	4.30	1.14	.93	40.0	21.3	7.7	463	31	76	9.0

## 1965 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE										• 22'S
	• YIELD	• GRAM	• NO.	• LINT	• SEED	• SPAN	• LENGTH	•	•	•	
	• LB.	• PER	• PER	• PCT.	• INDEX	• 50	• 2.5	•	•	•	
	• PER ACRE	• BOLL	• LB.	•	•	• PCT.	• PCT.	•	•	•	
<u>UNIVERSITY PARK, N. MEX.</u>											
E 364	1064 A	6.71	68	35.7	12.7	.51	1.14	139			
ACALA 1517V	1063 A	6.72	68	36.1	12.7	.52	1.17	148			
B 1415	990 A	7.59	60	37.3	13.0	.53	1.17	150			
ACALA 4-42	862 B	7.69	59	37.1	12.3	.48	1.06	136			
HOPICALA	862 B	6.14	74	35.7	11.7	.52	1.18	149			
AUBURN 56	853 B	5.84	78	35.8	10.6	.43	1.00	112			
ACALA 1517D	842 B	6.56	69	34.9	13.0	.52	1.16	153			
EA 67-2	827 B	6.44	71	35.1	12.6	.52	1.10	139			
STONEVILLE 7A	763 BC	5.15	89	36.5	9.8	.46	1.05	117			
EA 12302	746 BC	6.77	67	34.6	12.8	.50	1.11	139			
DELTAPINE S.L.	746 BC	4.87	93	37.6	8.9	.43	1.02	121			
STRAIN A	670 C	6.31	72	35.5	11.0	.47	1.12	133			
<u>EL PASO, TEX.</u>											
EA 12302	1362 A	6.34	72	38.9	13.4	.53	1.15	137			
HOPICALA	1348 A	6.63	69	40.9	12.8	.54	1.15	140			
E 364	1343 A	6.63	69	38.6	12.9	.53	1.19	145			
AUBURN 56	1260 AB	5.83	78	38.1	11.6	.47	1.10	114			
B 1415	1212 AB	6.76	67	38.7	12.4	.54	1.17	140			
DELTAPINE S.L.	1211 AB	5.34	85	40.4	9.4	.50	1.12	120			
ACALA 1517V	1211 AB	6.42	71	39.3	12.8	.54	1.20	147			
ACALA 4-42	1207 AB	6.96	66	41.7	13.2	.52	1.10	135			
ACALA 1517D	1206 AB	6.07	75	37.7	13.1	.55	1.20	150			
STONEVILLE 7A	1130 B	5.73	80	39.1	10.9	.48	1.14	118			
STRAIN A	1115 B	5.92	77	39.3	11.4	.51	1.11	133			
EA 67-2	1114 B	6.71	68	37.2	13.0	.50	1.12	133			
<u>ARTESIA, N. MEX.</u>											
AUBURN 56	1074 A	5.97	76	35.8	12.3	.50	1.12	113			
DELTAPINE S.L.	915 B	5.23	88	36.9	11.4	.54	1.16	129			
STONEVILLE 7A	910 B	5.17	88	34.2	11.1	.53	1.17	120			
HOPICALA	893 B	6.50	70	36.4	14.0	.61	1.19	146			
EA 67-2	887 BC	6.80	67	35.8	14.5	.57	1.17	136			
EA 12302	876 BC	6.67	69	35.6	14.8	.54	1.16	138			
ACALA 1517V	867 BC	6.24	74	35.2	14.3	.61	1.27				
B 1415	842 BC	6.67	69	35.0	14.3	.62	1.26	152			
E 364	819 BC	6.50	70	34.3	13.3	.58	1.26	143			
ACALA 1517D	812 BC	6.44	71	33.2	14.1	.60	1.25	151			
STRAIN A	808 BC	5.60	82	35.7	12.1	.55	1.16	133			
ACALA 4-42	720 C	7.20	64	36.7	14.0	.56	1.16	135			
<u>PAHRUMP, NEV.</u>											
E 364	860 A	7.01	65	32.5	13.1	.54	1.17	147			
ACALA 1517V	842 A	6.26	73	32.1	13.4	.50	1.13	134			
ACALA 1517D	834 AB	6.80	67	32.2	13.3	.56	1.22	150			
ACALA 4-42	788 ABC	8.09	56	32.3	13.2	.50	1.09	132			
EA 12302	786 ABC	6.90	66	32.9	12.2	.53	1.13	144			
EA 67-2	744 ABCD	6.83	67	31.4	13.5	.55	1.18	147			
HOPICALA	679 BCDE	6.68	68	31.5	12.7	.53	1.14	149			
STRAIN A	646 CDEF	6.30	72	32.7	12.1	.50	1.10	144			
B 1415	600 DEFG	6.50	70	31.2	12.4	.51	1.15	146			
AUBURN 56	547 EFG	6.39	71	32.7	12.2	.48	1.08	131			
DELTAPINE S.L.	520 FG	5.91	77	32.1	10.1	.50	1.14	138			
STONEVILLE 7A	477 G	5.71	80	30.1	10.2	.45	1.08	120			

## 1965 WESTERN REGIONAL COTTON VARIETY TEST

VARIETY	•	•	DRAWING	•	STELOMETER			•	AREALO-	•	COLORI-
	•	•	MICRO-	•	SLIVER	•	•	•	METER	•	METER
	•	•	•	•	NAIRE	•	UHM	•	MEAN	•	A
	•	•	•	•	•	•	•	•	D	•	RD
<u>UNIVERSITY PARK, N. MEX.</u>											
E 364	2.70	1.14	.87	37.2	20.4	8.2	581	68	78	7.5	
ACALA 1517V	3.10	1.17	.89	40.3	21.3	7.5	557	60	77	7.0	
B 1415	3.40	1.18	.92	42.0	21.4	7.2	518	47	75	8.0	
ACALA 4-42	3.00	1.08	.87	36.7	21.2	9.4	559	67	76	7.5	
HOPICALA	3.00	1.24	1.01	40.2	22.9	9.1	599	82	76	7.0	
AUBURN 56	2.50	1.00	.78	31.7	17.2	10.7	621	83	75	7.3	
ACALA 1517D	2.50	1.17	.91	38.9	21.5	9.6	612	80	76	7.0	
EA 67-2	3.10	1.11	.89	37.5	21.0	8.0	545	70	76	7.5	
STONEVILLE 7A	3.10	1.04	.80	34.3	17.2	7.7	536	65	75	8.0	
EA 12302	2.70	1.09	.84	38.2	20.6	8.2	570	72	75	7.3	
DELTAPINE S.L.	2.80	1.00	.78	34.3	18.1	11.1	624	78	78	7.5	
STRAIN A	2.80	1.13	.97	37.4	20.7	9.6	645	90	76	7.3	
<u>EL PASO, TEX.</u>											
EA 12302	4.10	1.22	.99	37.3	20.2	8.6	485	51	67	7.0	
HOPICALA	4.10	1.19	.98	39.8	21.0	8.4	517	34	71	7.0	
E 364	3.80	1.25	1.02	39.4	21.2	7.8	510	40	69	6.5	
AUBURN 56	3.70	1.16	.94	32.6	16.9	10.0	502	60	70	7.0	
B 1415	4.30	1.25	1.04	41.1	21.0	7.4	472	35	70	8.0	
DELTAPINE S.L.	3.50	1.19	.95	33.2	18.2	12.7	535	52	72	7.0	
ACALA 1517V	3.70	1.27	1.04	40.4	20.9	7.5	513	38	68	6.8	
ACALA 4-42	4.20	1.19	.99	37.3	20.4	9.5	487	53	70	7.3	
ACALA 1517D	4.00	1.28	1.06	39.6	21.9	9.1	506	40	69	7.0	
STONEVILLE 7A	3.90	1.20	.95	35.3	17.5	7.9	489	33	70	7.0	
STRAIN A	3.70	1.16	.94	37.5	19.3	8.7	522	45	70	7.0	
EA 67-2	3.60	1.19	.96	36.5	19.7	9.0	527	54	69	7.0	
<u>ARTESIA, N. MEX.</u>											
AUBURN 56	3.50	1.16	.94	31.9	16.9	11.3	512	55	76	8.0	
DELTAPINE S.L.	3.90	1.21	.99	32.8	17.9	12.3	497	48	78	8.0	
STONEVILLE 7A	4.10	1.25	1.04	34.8	17.5	7.9	467	39	75	8.3	
HOPICALA	4.30	1.22	1.06	36.7	20.6	8.8	463	33	77	7.5	
EA 67-2	4.00	1.25	1.07	36.2	19.8	8.6	492	52	76	8.0	
EA 12302	4.20	1.23	1.04	36.4	19.3	8.9	469	41	75	8.0	
ACALA 1517V	4.00	1.36	1.13	39.0	20.9	7.7	500	52	78	7.5	
B 1415	4.20	1.35	1.14	39.0	21.2	8.1	478	43	76	8.5	
E 364	3.90	1.28	1.07	36.7	20.5	8.5	491	40	78	8.0	
ACALA 1517D	4.30	1.32	1.12	37.8	21.3	8.5	476	39	76	7.8	
STRAIN A	4.20	1.19	1.01	34.7	18.8	9.3	473	41	74	7.8	
ACALA 4-42	3.70	1.22	1.04	33.7	19.4	10.2	516	51	77	8.0	
<u>PAHRUMP, NEV.</u>											
E 364	2.90	1.20	1.03	36.8	20.2	8.2	606	69	81	7.5	
ACALA 1517V	2.90	1.16	.98	34.5	18.8	9.5	618	89	80	6.8	
ACALA 1517D	3.30	1.26	1.08	37.2	19.9	8.7	553	55	80	7.0	
ACALA 4-42	2.80	1.13	.96	34.4	17.9	9.3	593	90	81	7.3	
EA 12302	3.10	1.17	1.01	37.5	20.1	8.2	577	75	80	7.3	
EA 67-2	3.20	1.24	1.05	36.8	20.7	8.4	569	79	80	7.3	
HOPICALA	2.90	1.19	1.01	36.9	21.0	8.5	595	74	81	7.3	
STRAIN A	2.70	1.14	.98	35.6	19.9	8.9	604	91	81	7.0	
B 1415	3.20	1.21	1.03	38.4	19.1	7.7	587	71	79	8.0	
AUBURN 56	2.70	1.12	.96	34.5	18.6	9.5	607	72	79	7.3	
DELTAPINE S.L.	3.10	1.20	1.02	35.5	19.1	9.8	563	74	80	7.3	
STONEVILLE 7A	2.70	1.12	.91	34.5	16.8	8.5	637	97	81	6.8	

1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	BOLL SIZE									
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH			
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	22'S	PCT.	PCT.
	PER ACRE	BOLL	LB.							
CAROLINA QUEEN	1067	A	6.60	69	38.3	11.4	.53	1.13	124	
STONEVILLE 213	1052	AB	6.15	74	38.4	11.0	.52	1.10	118	
TH 149	1023	ABC	7.73	59	35.6	14.2	.56	1.17	144	
MO. 61-470	1018	ABCD	7.09	65	36.1	13.6	.54	1.14	128	
DELTAPINE S.L.	968	BCDE	5.87	78	38.2	10.1	.53	1.14	124	
ST. 508-9117	954	CDEF	6.36	72	36.8	11.6	.54	1.18	134	
PD 61-165	942	CDEF	6.49	71	38.3	13.1	.57	1.20	151	
COKER 413	941	CDEF	5.95	77	37.0	11.2	.56	1.19	139	
ATLAS (A X DK)	932	CDEF	6.88	67	37.4	11.9	.53	1.10	141	
PD 60-259	928	CDEF	6.61	69	36.7	13.1	.54	1.14	142	
AHA K-9	923	DEF	6.93	66	34.9	12.6	.53	1.10	134	
ATLAS (A X C)	909	EF	6.33	73	36.9	12.4	.53	1.10	140	
GA. H.T.	904	EF	6.12	75	36.2	11.5	.55	1.11	146	
HOPICALA	901	EF	7.26	63	37.9	12.8	.54	1.11	147	
DELTAPINE 523	855	F	5.85	78	34.7	11.9	.55	1.12	141	

VARIETIES COMBINING LOCATIONS

CAROLINA QUEEN	1067	A	6.60	69	38.3	11.4	.53	1.13	124
STONEVILLE 213	1052	AB	6.15	74	38.4	11.0	.52	1.10	118
TH 149	1023	ABC	7.73	59	35.6	14.2	.56	1.17	144
MO. 61-470	1018	ABCD	7.09	65	36.1	13.6	.54	1.14	128
DELTAPINE S.L.	968	BCDE	5.87	78	38.2	10.1	.53	1.14	124
ST. 508-9117	954	CDEF	6.36	72	36.8	11.6	.54	1.18	134
PD 61-165	942	CDEF	6.49	71	38.3	13.1	.57	1.20	151
COKER 413	941	CDEF	5.95	77	37.0	11.2	.56	1.19	139
ATLAS (A X DK)	932	CDEF	6.88	67	37.4	11.9	.53	1.10	141
PD 60-259	928	CDEF	6.61	69	36.7	13.1	.54	1.14	142
AHA K-9	923	DEF	6.93	66	34.9	12.6	.53	1.10	134
ATLAS (A X C)	909	EF	6.33	73	36.9	12.4	.53	1.10	140
GA. H.T.	904	EF	6.12	75	36.2	11.5	.55	1.11	146
HOPICALA	901	EF	7.26	63	37.9	12.8	.54	1.11	147
DELTAPINE 523	855	F	5.85	78	34.7	11.9	.55	1.12	141

SUBREGIONAL SUMMARY COMBINING ST. JOSEPH, STONEVILLE, ROHWER, PORTAGEVILLE,  
FT. PILLOW, AND COLLEGE STATION

CAROLINA QUEEN	1200	A	6.42	71	37.7	11.5	.53	1.13	123
STONEVILLE 213	1187	A	6.03	76	38.3	11.0	.51	1.10	118
ST. 508-9117	1168	AB	6.47	70	36.9	11.8	.53	1.18	133
MO. 61-470	1098	ABC	6.93	66	35.8	13.8	.54	1.15	131
TH 149	1098	ABC	7.52	61	34.8	14.3	.55	1.17	146
HOPICALA	1092	ABC	7.13	64	38.1	13.2	.55	1.13	151
DELTAPINE S.L.	1090	ABC	5.84	78	38.0	10.1	.52	1.14	123
COKER 413	1032	BCD	5.93	77	35.6	11.5	.56	1.21	141
PD 61-165	1028	CD	6.22	74	37.7	13.5	.57	1.20	154
ATLAS (A X DK)	1026	CD	6.69	69	37.0	12.0	.52	1.11	139
AHA K-9	1010	CD	6.71	68	34.6	12.7	.53	1.11	136
PD 60-259	1005	CD	6.36	73	36.2	13.3	.54	1.14	143
DELTAPINE 523	987	CD	5.93	77	34.7	12.2	.56	1.13	142
GA. H.T.	955	CD	6.07	75	35.9	11.7	.55	1.12	148
ATLAS (A X C)	939	D	6.10	76	36.6	12.7	.53	1.11	140

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT,  
AND BELLA MINA

TH 149	947	A	7.93	58	36.4	14.0	.57	1.17	142
MO. 61-470	938	A	7.24	63	36.5	13.4	.55	1.13	125
CAROLINA QUEEN	934	A	6.79	67	38.9	11.3	.54	1.13	124
STONEVILLE 213	917	A	6.27	73	38.6	11.0	.52	1.10	118
ATLAS (A X C)	879	A	6.55	69	37.3	12.1	.53	1.09	140
PD 61-165	855	A	6.76	68	38.9	12.7	.58	1.20	149
GA. H.T.	854	A	6.16	74	36.5	11.3	.55	1.10	144
PD 60-259	851	A	6.87	66	37.3	12.9	.55	1.15	141
COKER 413	851	A	5.98	76	38.4	10.8	.55	1.17	138
DELTAPINE S.L.	846	A	5.89	78	38.4	10.1	.53	1.13	125
ATLAS (A X DK)	838	AB	7.06	65	37.8	11.8	.53	1.09	142
AHA K-9	836	AB	7.16	64	35.2	12.4	.54	1.09	132
ST. 508-9117	741	BC	6.24	73	36.8	11.4	.55	1.18	135
DELTAPINE 523	724	C	5.78	79	34.7	11.6	.55	1.11	140
HOPICALA	710	C	7.39	62	37.8	12.4	.54	1.09	143

1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	A	D
	MEAN	TO	T1	E1

VARIETIES COMBINING LOCATIONS

CAROLINA QUEEN	4.70	1.17	.97	36.0	18.0	7.7	445	35	75	8.4
STONEVILLE 213	4.80	1.13	.95	34.3	17.5	8.9	432	31	75	8.5
TH 149	4.40	1.21	1.01	40.0	20.7	6.9	459	34	75	7.9
MO. 61-470	4.50	1.17	.98	35.5	19.4	10.5	456	41	73	8.7
DELTAPINE S.L.	4.60	1.16	.97	34.6	18.8	10.7	449	31	76	8.2
ST. 508-9117	4.00	1.21	.98	35.5	18.6	9.2	494	46	76	8.2
PD 61-165	4.60	1.22	1.01	43.6	22.4	6.2	449	32	73	8.2
COKER 413	4.20	1.22	1.02	38.3	19.3	7.2	475	45	75	8.3
ATLAS (A X DK)	4.30	1.12	.95	40.7	21.0	7.5	464	38	73	8.4
PD 60-259	4.50	1.16	.97	41.3	21.0	6.6	453	34	74	8.3
AHA K-9	4.70	1.12	.95	38.6	19.8	7.4	440	31	73	8.5
ATLAS (A X C)	4.70	1.11	.94	42.2	21.5	6.4	437	29	73	8.4
GA. H.T.	4.80	1.13	.97	41.6	22.0	7.5	431	29	73	7.9
HOPICALA	4.20	1.13	.97	40.8	21.9	7.7	468	38	75	8.1
DELTAPINE 523	4.60	1.14	.99	38.0	20.3	7.8	448	32	74	8.4

SUBREGIONAL SUMMARY COMBINING ST. JOSEPH, STONEVILLE, ROHWER, PORTAGEVILLE, FT. PILLOW, AND COLLEGE STATION

CAROLINA QUEEN	4.80	1.18	.98	37.7	18.1	6.9	434	31	73	8.1
STONEVILLE 213	4.90	1.15	.95	35.3	17.5	8.0	426	26	73	8.0
ST. 508-9117	4.10	1.21	.97	37.0	18.6	8.4	477	41	73	7.9
MO. 61-470	4.60	1.19	1.00	36.8	19.7	9.4	447	39	71	8.4
TH 149	4.50	1.21	1.01	41.8	21.1	6.2	451	31	73	7.6
HOPICALA	4.40	1.16	.98	43.2	22.6	6.8	454	34	73	8.0
DELTAPINE S.L.	4.90	1.18	.97	35.9	19.0	9.7	437	25	74	7.6
COKER 413	4.20	1.25	1.04	40.1	19.6	6.5	470	42	73	7.8
PD 61-165	4.70	1.23	1.03	45.1	22.9	5.7	440	30	71	8.0
ATLAS (A X DK)	4.40	1.13	.95	42.5	21.1	6.5	460	31	71	8.1
AHA K-9	4.80	1.14	.96	40.7	20.2	6.5	433	25	70	8.1
PD 60-259	4.50	1.17	.97	43.0	21.5	6.0	445	34	71	8.0
DELTAPINE 523	4.90	1.16	1.00	40.4	20.8	6.8	429	24	71	8.0
GA. H.T.	4.90	1.15	.97	43.2	21.8	6.7	422	26	70	7.6
ATLAS (A X C)	4.80	1.13	.94	43.7	21.9	5.7	429	23	70	8.0

SUBREGIONAL SUMMARY COMBINING EXPERIMENT, TIFTON, FLORENCE, ROCKY MOUNT, AND BELLA MINA

TH 149	4.30	1.20	1.01	38.2	20.2	7.6	466	37	78	8.3
MO. 61-470	4.30	1.15	.97	34.1	19.0	11.5	466	44	75	9.0
CAROLINA QUEEN	4.50	1.15	.97	34.3	17.8	8.6	456	39	77	8.6
STONEVILLE 213	4.70	1.12	.95	33.2	17.5	9.7	438	35	77	8.9
ATLAS (A X C)	4.50	1.10	.94	40.6	21.2	7.2	446	35	76	8.7
PD 61-165	4.50	1.21	1.00	42.1	22.0	6.7	457	33	76	8.5
GA. H.T.	4.70	1.11	.96	40.1	22.1	8.3	440	32	77	8.1
PD 60-259	4.40	1.16	.97	39.6	20.5	7.2	461	35	77	8.5
COKER 413	4.10	1.20	1.01	36.6	19.0	8.0	480	48	76	8.9
DELTAPINE S.L.	4.40	1.15	.96	33.3	18.6	11.6	461	37	78	8.7
ATLAS (A X DK)	4.20	1.11	.95	38.9	20.8	8.4	469	45	75	8.7
AHA K-9	4.60	1.10	.94	36.5	19.3	8.4	447	37	75	8.9
ST. 508-9117	3.90	1.21	1.00	34.1	18.7	10.1	510	50	78	8.5
DELTAPINE 523	4.30	1.12	.97	35.7	19.8	8.8	466	41	76	8.8
HOPICALA	4.00	1.11	.96	38.4	21.2	8.6	482	43	78	8.3

1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATION	BOLL SIZE							
	YIELD	GRAM	NO.	LINT	SEED	SPAN LENGTH		
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	22'S
	PER ACRE	PER BOLL	LB.			PCT.	PCT.	

LOCATIONS COMBINING VARIETIES

COL. STA., TEX.	1155	5.72	80	36.2	12.4	.53	1.14	140
ST. JOSEPH, LA.	1241	7.09	65	35.7	12.5	.57	1.18	143
ST'VILLE, MISS.	1002	6.44	71	35.8	12.3	.54	1.14	140
FT. PILL., TENN.	835	6.92	66	36.1	12.8	.54	1.15	135
EXPERIMENT, GA.	820	7.04	65	36.4	11.8	.54	1.12	139
TIFTON, GA.	648	6.79	68	37.1		.56	1.14	134
FLORENCE, S.C.	904	6.76	68	36.1	12.5	.54	1.15	133
ROCKY MT., N.C.	661	5.76	80	37.6	10.6	.52	1.06	141
PORT'VILLE, MO.	995	6.20	74	37.6	11.7	.52	1.10	134
ELA MINA, ALA.	1025	7.03	65	39.3	12.3	.55	1.15	133
ROHWER, ARK.	1138	6.17	74	37.8		.53	1.13	136
FL'CE, S.C. 2	1030	6.65	69	37.2	12.5	.55	1.15	135

BOLL SIZE, GRAM PER BOLL

TH 149	7.73	A
HOPICALA	7.26	B
MO. 61-470	7.09	BC
AHA K-9	6.93	C
ATLAS (A X DK)	6.88	C
PD 60-259	6.61	D
CAROLINA QUEEN	6.60	D
PD 61-165	6.49	DE
ST. 508-9117	6.36	EF
ATLAS (A X C)	6.33	EF
STONEVILLE 213	6.15	FG
GA. H.T.	6.12	FG
COKER 413	5.95	GH
DELTAPINE S.L.	5.87	H
DELTAPINE 523	5.85	H

LINT PCT.

STONEVILLE 213	38.4	A
PD 61-165	38.3	A
CAROLINA QUEEN	38.3	A
DELTAPINE S.L.	38.2	A
HOPICALA	37.9	AB
ATLAS (A X DK)	37.4	BC
COKER 413	37.0	CD
ATLAS (A X C)	36.9	CD
ST. 508-9117	36.8	CD
PD 60-259	36.7	DE
GA. H.T.	36.2	EF
MO. 61-470	36.1	EF
TH 149	35.6	F
AHA K-9	34.9	G
DELTAPINE 523	34.7	G

BOLL SIZE, NO. PER LB.

DELTAPINE S.L.	78	A
DELTAPINE 523	78	A
COKER 413	77	AB
GA. H.T.	75	BC
STONEVILLE 213	74	CD
ATLAS (A X C)	73	CDE
ST. 508-9117	72	DE
PD 61-165	71	EF
CAROLINA QUEEN	69	FG
PD 60-259	69	FG
ATLAS (A X DK)	67	GH
AHA K-9	66	H
MO. 61-470	65	HI
HOPICALA	63	I
TH 149	59	J

SEED INDEX

TH 149	14.2	A
MO. 61-470	13.6	B
PD 60-259	13.1	C
PD 61-165	13.1	C
HOPICALA	12.8	CD
AHA K-9	12.6	DE
ATLAS (A X C)	12.4	E
DELTAPINE 523	11.9	F
ATLAS (A X DK)	11.9	F
ST. 508-9117	11.6	FG
GA. H.T.	11.5	GH
CAROLINA QUEEN	11.4	GH
COKER 413	11.2	HI
STONEVILLE 213	11.0	I
DELTAPINE S.L.	10.1	J

1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

LOCATION	DRAWING	STELOMETER	AREALO-	COLORI-				
	MICRO-	SLIVER	METER	METER				
NAIRE	UHM MEAN	T0	T1	E1	A	D	RD	B
•	•	•	•	•	•	•	•	•

LOCATIONS COMBINING VARIETIES

COL. STA., TEX.	4.80	1.20	1.00	41.3	20.8	7.0	435	29	68	7.6
ST. JOSEPH, LA.	4.30	1.23	1.05	39.0	20.1	7.5	468	43	76	8.6
ST'VILLE, MISS.	4.80	1.16	.99	40.9	20.8	6.8	434	30	69	8.1
FT. PILL., TENN.	4.60	1.17	.96	40.0	20.0	7.0	448	37	74	7.6
EXPERIMENT, GA.	4.20	1.15	.99	37.3	20.4	8.4	471	34	76	8.7
TIFTON, GA.	4.60	1.15	1.00	35.3	19.4	9.1	450	43	75	8.9
FLORENCE, S.C.	4.30	1.17	.98	35.8	19.4	9.7	468	48	77	8.2
ROCKY MT., N.C.	4.40	1.07	.90	39.7	20.8	8.1	463	31	77	8.7
PORT'VILLE, MO.	4.80	1.13	.95	40.2	19.9	7.2	435	27	73	7.7
B'LA MINA, ALA.	4.50	1.17	.97	38.1	19.6	7.7	459	29	77	8.6
ROHWER, ARK.	4.70	1.15	.93	41.1	21.0	6.8	442	18	70	8.2
FL'CE, S.C. 2	4.20	1.17	.98	36.0	19.4	9.3	468	51	77	8.8

SPAN LENGTH, 50 PCT.

PD 61-165	.57	A
COKER 413	.56	B
TH 149	.56	B
DELTAPINE 523	.55	BC
GA. H.T.	.55	BC
HOPICALA	.54	CD
PD 60-259	.54	CD
MO. 61-470	.54	CD
ST. 508-9117	.54	CD
DELTAPINE S.L.	.53	DE
CAROLINA QUEEN	.53	DE
AHA K-9	.53	DE
ATLAS (A X C)	.53	DE
ATLAS (A X DK)	.53	DE
STONEVILLE 213	.52	E

SPAN LENGTH, 2.5 PCT.

PD 61-165	1.20	A
COKER 413	1.19	AB
ST. 508-9117	1.18	BC
TH 149	1.17	C
DELTAPINE S.L.	1.14	D
PD 60-259	1.14	D
MO. 61-470	1.14	D
CAROLINA QUEEN	1.13	DE
DELTAPINE 523	1.12	EF
HOPICALA	1.11	FG
GA. H.T.	1.11	FG
STONEVILLE 213	1.10	G
AHA K-9	1.10	G
ATLAS (A X C)	1.10	G
ATLAS (A X DK)	1.10	G

22'S

PD 61-165	151	A
HOPICALA	147	B
GA. H.T.	146	BC
TH 149	144	CD
PD 60-259	142	DE
DELTAPINE 523	141	E
ATLAS (A X DK)	141	E
ATLAS (A X C)	140	E
COKER 413	139	E
AHA K-9	134	F
ST. 508-9117	134	F
MO. 61-470	128	G
DELTAPINE S.L.	124	H
CAROLINA QUEEN	124	H
STONEVILLE 213	118	I

MICRONAIRE

STONEVILLE 213	4.80	A
GA. H.T.	4.80	A
CAROLINA QUEEN	4.70	AB
AHA K-9	4.70	AB
ATLAS (A X C)	4.70	AB
DELTAPINE S.L.	4.60	BC
PD 61-165	4.60	BC
DELTAPINE 523	4.60	BC
PD 60-259	4.50	CD
MO. 61-470	4.50	CD
TH 149	4.40	DE
ATLAS (A X DK)	4.30	EF
HOPICALA	4.20	F
COKER 413	4.20	F
ST. 508-9117	4.00	G

1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

DRAWING SLIVER, UHM

PD 61-165	1.22	A
COKER 413	1.22	A
ST. 508-9117	1.21	A
TH 149	1.21	A
CAROLINA QUEEN	1.17	B
MO. 61-470	1.17	B
DELTAPINE S.L.	1.16	B
PD 60-259	1.16	B
DELTAPINE 523	1.14	C
HOPICALA	1.13	CD
STONEVILLE 213	1.13	CD
GA. H.T.	1.13	CD
AHA K-9	1.12	DE
ATLAS (A X DK)	1.12	DE
ATLAS (A X C)	1.11	E

DRAWING SLIVER, MEAN

COKER 413	1.02	A
PD 61-165	1.01	A
TH 149	1.01	A
DELTAPINE 523	.99	B
MO. 61-470	.98	BC
ST. 508-9117	.98	BC
DELTAPINE S.L.	.97	C
CAROLINA QUEEN	.97	C
HOPICALA	.97	C
PD 60-259	.97	C
GA. H.T.	.97	C
STONEVILLE 213	.95	D
AHA K-9	.95	D
ATLAS (A X DK)	.95	D
ATLAS (A X C)	.94	D

STELOMETER - T0

PD 61-165	43.6	A
ATLAS (A X C)	42.2	B
GA. H.T.	41.6	BC
PD 60-259	41.3	CD
HOPICALA	40.8	CDE
ATLAS (A X DK)	40.7	DE
TH 149	40.0	E
AHA K-9	38.6	F
COKER 413	38.3	F
DELTAPINE 523	38.0	F
CAROLINA QUEEN	36.0	G
MO. 61-470	35.5	G
ST. 508-9117	35.5	G
DELTAPINE S.L.	34.6	H
STONEVILLE 213	34.3	H

STELOMETER - T1

PD 61-165	22.4	A
GA. H.T.	22.0	AB
HOPICALA	21.9	BC
ATLAS (A X C)	21.5	C
PD 60-259	21.0	D
ATLAS (A X DK)	21.0	D
TH 149	20.7	DE
DELTAPINE 523	20.3	E
AHA K-9	19.8	F
MO. 61-470	19.4	FG
COKER 413	19.3	G
DELTAPINE S.L.	18.8	H
ST. 508-9117	18.6	H
CAROLINA QUEEN	18.0	I
STONEVILLE 213	17.5	

STELOMETER - E1

DELTAPINE S.L.	10.7	A
MO. 61-470	10.5	A
ST. 508-9117	9.2	B
STONEVILLE 213	8.9	C
DELTAPINE 523	7.8	D
CAROLINA QUEEN	7.7	DE
HOPICALA	7.7	DE
ATLAS (A X DK)	7.5	DEF
GA. H.T.	7.5	DEF
AHA K-9	7.4	EF
COKER 413	7.2	F
TH 149	6.9	G
PD 60-259	6.6	H
ATLAS (A X C)	6.4	HI
PD 61-165	6.2	I

1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

AREALOMETER - A

ST. 508-9117	494	A
COKER 413	475	B
HOPICALA	468	BC
ATLAS (A X DK)	464	CD
TH 149	459	CDE
MO. 61-470	456	DEF
PD 60-259	453	EFG
DELTAPINE S.L.	449	EFGH
PD 61-165	449	EFGH
DELTAPINE 523	448	FGH
CAROLINA QUEEN	445	GHI
AHA K-9	440	HIJ
ATLAS (A X C)	437	IJ
STONEVILLE 213	432	J
GA. H.T.	431	J

AREALOMETER - D

ST. 508-9117	46	A
COKER 413	45	A
MO. 61-470	41	AB
HOPICALA	38	BC
ATLAS (A X DK)	38	BC
CAROLINA QUEEN	35	CD
PD 60-259	34	CD
TH 149	34	CD
PD 61-165	32	D
DELTAPINE 523	32	D
DELTAPINE S.L.	31	D
STONEVILLE 213	31	D
AHA K-9	31	D
ATLAS (A X C)	29	D
GA. H.T.	29	D

COLORIMETER - RD

DELTAPINE S.L.	76	A
ST. 508-9117	76	A
CAROLINA QUEEN	75	B
HOPICALA	75	B
STONEVILLE 213	75	B
COKER 413	75	B
TH 149	75	B
PD 60-259	74	C
DELTAPINE 523	74	C
PD 61-165	73	D
AHA K-9	73	D
ATLAS (A X C)	73	D
ATLAS (A X DK)	73	D
GA. H.T.	73	D
MO. 61-470	73	D

COLORIMETER - B

MO. 61-470	8.7	A
STONEVILLE 213	8.5	B
AHA K-9	8.5	B
CAROLINA QUEEN	8.4	BC
DELTAPINE 523	8.4	BC
ATLAS (A X C)	8.4	BC
ATLAS (A X DK)	8.4	BC
PD 60-259	8.3	BCD
COKER 413	8.3	BCD
DELTAPINE S.L.	8.2	CD
PD 61-165	8.2	CD
ST. 508-9117	8.2	CD
HOPICALA	8.1	D
GA. H.T.	7.9	E
TH 149	7.9	E

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE							
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH	
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	22'S
	PER ACRE	BOLL	LB.			PCT.	PCT.	

ST. JOSEPH, LA.

ST. 508-9117	1414	A	6.78	67	36.6	11.7	.57	1.24	142
DELTAPINE 523	1410	A	6.39	71	34.5	12.2	.58	1.14	142
CAROLINA QUEEN	1349	AB	6.85	66	35.9	11.2	.58	1.19	126
TH 149	1343	ABC	8.33	55	33.9	14.2	.59	1.21	150
DELTAPINE S.L.	1266	ABC	6.54	70	37.3	10.4	.58	1.20	133
STONEVILLE 213	1251	ABC	6.75	68	36.9	11.9	.54	1.15	124
PD 61-165	1222	ABC	7.06	65	36.9	14.2	.60	1.22	161
ATLAS (A X DK)	1218	ABC	7.70	60	35.8	12.4	.57	1.19	153
COKER 413	1211	ABC	6.55	69	35.7	12.0	.61	1.25	149
AHA K-9	1178	BC	7.37	62	32.8	12.9	.56	1.15	138
GA. H.T.	1168	BC	6.46	71	35.8	11.4	.59	1.15	153
MO. 61-470	1162	BC	7.85	58	34.8	14.0	.57	1.19	131
HOPICALA	1150	BC	7.38	62	37.3	13.0	.57	1.17	153
ATLAS (A X C)	1145	BC	7.01	65	35.5	12.6	.57	1.14	147
PD 60-259	1125	C	7.36	62	35.9	13.9	.57	1.17	143

STONEVILLE, MISS.

STONEVILLE 213	1131	A	6.32	72	36.9	11.0	.52	1.12	124
ST. 508-9117	1114	AB	6.59	69	36.4	11.4	.54	1.17	136
DELTAPINE S.L.	1100	ABC	5.66	81	37.3	9.7	.53	1.15	132
MO. 61-470	1072	ABC	6.81	67	35.9	13.7	.54	1.12	130
CAROLINA QUEEN	1066	ABC	6.37	71	36.6	12.2	.52	1.12	125
COKER 413	1032	ABCD	5.79	79	35.7	10.6	.57	1.21	143
TH 149	1012	BCDE	7.54	61	34.1	13.8	.53	1.15	149
ATLAS (A X DK)	1002	BCDEF	6.77	67	38.2	11.4	.53	1.07	136
PD 61-165	997	CDEF	6.00	76	36.2	13.5	.58	1.22	156
HOPICALA	946	DEF	6.94	66	37.4	13.3	.55	1.13	151
PD 60-259	927	DEF	6.73	68	35.3	13.7	.53	1.14	143
ATLAS (A X C)	919	EF	6.43	71	35.9	12.9	.55	1.14	144
AHA K-9	918	EF	6.58	69	33.9	12.9	.57	1.14	138
DELTAPINE 523	907	EF	6.08	75	32.7	13.2	.57	1.13	147
GA. H.T.	892	F	5.98	77	35.3	12.1	.54	1.10	151

ROHWER, ARK.

CAROLINA QUEEN	1367	A	6.01	76	40.1		.52	1.13	121
STONEVILLE 213	1290	AB	5.70	80	40.2		.50	1.10	116
HOPICALA	1273	ABC	7.15	64	40.0		.52	1.11	150
TH 149	1259	ABC	7.51	61	35.9		.55	1.16	145
ST. 508-9117	1191	ABCD	6.27	73	38.7		.51	1.16	132
ATLAS (A X DK)	1185	ABCD	6.95	66	37.7		.51	1.09	140
COKER 413	1181	ABCD	5.78	79	35.8		.55	1.22	136
AHA K-9	1168	ABCD	6.39	71	37.1		.53	1.13	134
MO. 61-470	1138	BCD	6.54	70	36.4		.54	1.15	135
DELTAPINE S.L.	1125	BCD	5.72	80	38.6		.52	1.15	120
PD 61-165	1081	BCD	6.01	76	38.9		.56	1.20	153
GA. H.T.	1053	CDE	5.78	79	36.6		.53	1.11	144
PD 60-259	1025	DE	5.83	78	37.5		.54	1.14	140
ATLAS (A X C)	876	E	5.58	82	37.8		.51	1.09	135
DELTAPINE 523	861	E	5.41	84	36.4		.53	1.11	139

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM MEAN	T1	E1

ST. JOSEPH, LA.

ST. 508-9117	3.70	1.27	1.06	35.7	18.5	9.0	513	59	77	8.3
DELTAPINE 523	4.60	1.20	1.05	38.9	20.0	7.4	448	31	77	8.5
CAROLINA QUEEN	4.20	1.25	1.07	34.5	16.1	7.8	475	52	75	8.8
TH 149	3.90	1.25	1.07	40.0	20.7	6.6	492	45	76	8.0
DELTAPINE S.L.	4.60	1.26	1.07	35.5	18.9	10.4	449	42	77	8.0
STONEVILLE 213	4.70	1.23	1.05	34.1	17.4	8.3	449	37	77	8.8
PD 61-165	4.40	1.26	1.08	43.8	22.6	6.2	457	44	75	8.8
ATLAS (A X DK)	4.10	1.22	1.02	41.1	22.2	7.0	487	38	76	8.8
COKER 413	4.00	1.30	1.09	39.4	19.9	6.9	490	58	76	8.3
AHA K-9	4.50	1.20	1.04	39.6	19.8	6.9	466	34	74	9.0
GA. H.T.	4.60	1.19	1.03	41.7	21.9	7.6	446	36	76	8.3
MO. 61-470	4.40	1.24	1.07	35.4	19.1	9.5	450	42	75	9.0
HOPICALA	3.90	1.22	1.07	41.3	21.9	7.3	495	54	77	8.5
ATLAS (A X C)	4.70	1.16	.99	43.9	22.3	5.7	444	32	75	8.8
PD 60-259	4.40	1.20	1.02	40.9	20.5	6.3	459	51	75	8.8

STONEVILLE, MISS.

STONEVILLE 213	4.90	1.15	.97	36.7	18.2	7.6	424	32	68	8.3
ST. 508-9117	4.30	1.18	.97	37.0	19.3	8.2	457	39	72	8.0
DELTAPINE S.L.	4.90	1.17	.99	37.0	19.4	9.9	432	24	72	7.8
MO. 61-470	5.30	1.15	.99	37.0	19.7	9.0	430	27	69	8.3
CAROLINA QUEEN	5.20	1.17	1.00	38.4	19.1	6.7	410	32	70	8.3
COKER 413	4.30	1.24	1.05	40.2	19.4	6.1	462	38	71	7.8
TH 149	4.50	1.20	1.03	42.9	21.6	5.9	448	26	72	8.0
ATLAS (A X DK)	4.60	1.09	.93	43.0	20.9	6.2	434	25	68	7.8
PD 61-165	4.80	1.24	1.05	45.2	23.6	5.4	438	29	69	8.0
HOPICALA	4.70	1.15	1.00	44.5	23.4	6.6	446	30	71	8.3
PD 60-259	4.70	1.17	1.01	42.9	21.5	6.0	442	44	69	7.8
ATLAS (A X C)	4.80	1.15	.98	43.7	21.8	6.0	437	25	70	8.3
AHA K-9	5.00	1.13	.97	42.1	20.9	6.1	422	29	66	8.3
DELTAPINE 523	5.10	1.16	1.01	39.8	21.5	6.2	427	31	70	8.3
GA. H.T.	5.30	1.12	.97	43.1	21.8	5.9	404	23	68	8.0

ROHWER, ARK.

CAROLINA QUEEN	4.70	1.14	.90	39.3	19.0	6.4	429	17	71	8.0
STONEVILLE 213	5.00	1.11	.90	36.0	17.9	7.6	425	17	72	8.5
HOPICALA	4.50	1.10	.91	45.1	22.8	6.5	443	14	71	8.0
TH 149	4.80	1.20	.97	42.8	21.7	6.0	436	18	71	8.0
ST. 508-9117	4.20	1.18	.90	36.9	18.5	8.1	481	29	72	8.0
ATLAS (A X DK)	4.40	1.10	.91	43.2	21.6	6.6	462	16	69	8.5
COKER 413	4.40	1.25	1.01	40.1	20.3	6.0	471	24	71	8.0
AHA K-9	4.80	1.10	.91	40.2	20.8	6.4	436	12	71	8.0
MO. 61-470	4.50	1.18	.97	37.9	20.9	9.8	460	25	69	8.5
DELTAPINE S.L.	5.00	1.16	.94	36.0	19.4	9.6	422	18	72	8.0
PD 61-165	5.00	1.23	1.00	45.2	23.7	5.4	439	19	69	8.3
GA. H.T.	5.00	1.13	.94	44.0	22.0	6.4	425	16	71	7.8
PD 60-259	4.50	1.13	.91	44.4	22.1	5.5	445	18	69	8.5
ATLAS (A X C)	4.80	1.08	.89	44.2	22.4	5.5	432	17	68	8.3
DELTAPINE 523	5.00	1.13	.95	42.1	21.9	6.2	429	16	71	8.5

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH	22'S	
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	PCT.	PCT.
	PER ACRE	BOLL	LB.							

PORTAGEVILLE, MO.

MO. 61-470	1129	A	6.85	67	36.9	13.2	.52	1.10	131
TH 149	1116	A	7.15	64	35.7	14.2	.55	1.17	144
STONEVILLE 213	1098	AB	6.04	75	39.8	10.0	.51	1.06	115
CAROLINA QUEEN	1065	ABC	6.22	73	39.1	10.8	.52	1.11	121
ATLAS (A X DK)	1020	BCD	6.07	75	37.8	11.0	.50	1.06	132
DELTAPINE S.L.	1016	BCD	5.49	83	38.6	9.4	.50	1.09	122
ATLAS (A X C)	1007	BCD	6.15	74	37.7	12.4	.53	1.07	134
ST. 508-9117	1000	CD	5.98	76	37.0	11.2	.50	1.15	126
AHA K-9	988	CD	6.51	70	35.6	12.2	.50	1.04	134
PD 60-259	987	CD	5.80	78	37.0	12.6	.54	1.14	141
HOPICALA	968	D	6.66	69	40.2	11.4	.54	1.09	146
GA. H.T.	951	DE	6.44	71	36.3	11.6	.53	1.11	144
COKER 413	949	DE	5.47	84	36.9	10.6	.55	1.16	135
PD 61-165	873	E	6.02	76	38.6	12.8	.56	1.18	145
DELTAPINE 523	754	F	6.13	74	36.5	12.0	.54	1.08	139

FT. PILLOW, TENN.

PD 61-165	1095	A	7.02	65	37.4	13.6	.59	1.23	151
CAROLINA QUEEN	997	AB	7.00	65	37.2	11.8	.53	1.15	122
HOPICALA	987	ABC	8.18	56	37.1	14.0	.55	1.14	150
PD 60-259	979	ABC	7.14	64	35.8	13.6	.53	1.15	142
STONEVILLE 213	955	ABC	6.14	74	37.5	11.5	.50	1.12	112
ST. 508-9117	948	ABC	6.98	65	36.4	12.5	.55	1.20	127
DELTAPINE S.L.	920	ABCD	6.09	75	38.2	10.7	.51	1.14	120
MO. 61-470	857	BCDE	7.89	58	34.9	14.3	.56	1.16	125
DELTAPINE 523	817	CDEF	6.46	71	33.6	12.0	.56	1.14	138
ATLAS (A X C)	755	DEFG	6.55	70	36.7	13.0	.54	1.13	137
AHA K-9	734	EFGH	7.18	63	34.1	13.2	.53	1.11	135
TH 149	669	FGH	7.92	58	34.2	14.9	.55	1.19	144
ATLAS (A X DK)	632	GH	6.94	66	36.4	12.9	.50	1.12	135
GA. H.T.	608	GH	6.34	72	35.8	12.0	.55	1.13	148
COKER 413	571	H	6.01	76	35.9	12.6	.55	1.21	137

COLLEGE STATION, TEX.

STONEVILLE 213	1398	A	5.25	87	38.4	10.7	.49	1.09	118
CAROLINA QUEEN	1356	AB	6.05	75	37.5	11.7	.51	1.11	126
ST. 508-9117	1341	ABC	6.25	73	36.4	12.2	.53	1.20	134
COKER 413	1247	ABCD	5.95	77	34.0	11.8	.55	1.19	144
MO. 61-470	1233	ABCDE	5.65	81	35.8	13.8	.54	1.16	137
HOPICALA	1228	ABCDE	6.50	70	36.5	14.3	.56	1.16	155
TH 149	1190	BCDE	6.70	68	34.9	14.4	.54	1.14	145
DELTAPINE 523	1171	CDE	5.10	89	34.5	11.7	.58	1.17	146
DELTAPINE S.L.	1114	DEF	5.55	82	38.3	10.3	.51	1.11	112
ATLAS (A X DK)	1099	DEFG	5.70	80	36.5	12.4	.54	1.14	142
AHA K-9	1073	DEFGH	6.20	74	34.1	12.4	.52	1.09	137
GA. H.T.	1055	EFGH	5.45	84	35.8	11.3	.55	1.12	146
PD 60-259	986	FGH	5.30	86	36.0	12.7	.53	1.13	151
ATLAS (A X C)	935	GH	4.90	93	36.1	12.7	.53	1.11	144
PD 61-165	903	H	5.20	88	38.5	13.6	.55	1.17	159

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM MEAN	T1	E1

## PORTAGEVILLE, MO.

MO. 61-470	4.60	1.14	.97	37.2	20.2	9.3	453	49	72	8.3
TH 149	4.50	1.18	.99	41.0	20.7	6.5	447	29	76	7.5
STONEVILLE 213	5.30	1.11	.93	35.0	16.9	8.3	412	13	74	7.5
CAROLINA QUEEN	5.10	1.15	.94	37.9	18.1	7.1	426	20	75	8.0
ATLAS (A X DK)	4.60	1.07	.91	43.3	20.4	6.5	445	33	72	8.0
DELTAPINE S.L.	4.90	1.15	.94	35.0	18.3	10.1	428	18	76	7.3
ATLAS (A X C)	5.00	1.09	.92	42.1	20.8	5.8	404	11	71	7.5
ST. 508-9117	4.20	1.17	.97	36.2	18.0	8.9	477	38	76	7.8
AHA K-9	4.90	1.09	.90	40.5	19.3	6.7	428	17	72	8.0
PD 60-259	4.50	1.14	.97	42.7	20.9	6.3	445	30	72	7.5
HOPICALA	4.70	1.10	.93	42.9	22.6	7.0	446	55	75	8.0
GA. H.T.	5.00	1.13	.99	42.9	21.1	6.8	412	18	70	7.5
COKER 413	4.30	1.18	1.00	39.7	19.1	7.0	467	43	76	7.5
PD 61-165	4.80	1.19	1.01	44.0	21.7	5.8	437	28	72	7.5
DELTAPINE 523	5.30	1.11	.96	42.7	21.0	6.8	408	13	73	8.0

## FT. PILLOW, TENN.

PD 61-165	4.70	1.24	1.01	45.5	22.4	5.9	454	32	74	7.5
CAROLINA QUEEN	4.90	1.18	.96	37.6	17.7	6.9	439	36	75	7.5
HOPICALA	4.50	1.17	.99	41.8	21.6	6.9	449	31	74	7.3
PD 60-259	4.50	1.17	.95	41.8	21.4	6.0	455	34	73	8.0
STONEVILLE 213	4.90	1.13	.91	35.1	17.3	7.8	424	33	76	7.5
ST. 508-9117	4.10	1.19	.90	38.6	18.3	7.8	480	39	74	7.8
DELTAPINE S.L.	4.60	1.17	.95	36.2	18.1	9.5	442	33	76	7.3
MO. 61-470	4.50	1.18	.96	36.6	19.1	9.2	455	51	73	8.3
DELTAPINE 523	4.80	1.16	.99	38.9	19.9	7.1	433	24	74	7.5
ATLAS (A X C)	4.80	1.12	.93	42.9	21.8	5.8	432	32	72	7.8
AHA K-9	4.80	1.14	.96	40.4	20.1	6.5	429	38	71	7.8
TH 149	4.50	1.23	1.00	41.4	21.1	6.0	461	38	76	7.0
ATLAS (A X DK)	4.20	1.15	.95	40.4	20.2	6.6	475	47	73	8.0
GA. H.T.	4.80	1.15	.96	43.5	22.1	6.8	436	36	72	7.0
COKER 413	4.30	1.23	.99	40.2	19.0	6.3	464	49	75	7.5

## COLLEGE STATION, TEX.

STONEVILLE 213	5.00	1.18	.98	35.1	17.4	8.2	425	24	70	7.8
CAROLINA QUEEN	5.10	1.20	1.01	38.5	19.1	6.6	424	32	71	8.0
ST. 508-9117	4.30	1.25	1.04	37.5	18.8	8.4	454	43	71	7.5
COKER 413	4.30	1.29	1.09	40.9	20.1	6.8	468	39	71	7.8
MO. 61-470	4.70	1.23	1.03	36.8	19.5	10.0	433	41	67	8.0
HOPICALA	4.50	1.22	1.02	43.8	23.4	6.7	449	22	69	7.8
TH 149	4.90	1.23	1.03	42.9	21.2	6.1	421	30	70	7.0
DELTAPINE 523	4.60	1.22	1.04	39.9	20.7	7.4	431	30	66	7.3
DELTAPINE S.L.	5.40	1.17	.95	36.1	20.2	9.0	452	14	74	7.5
ATLAS (A X DK)	4.50	1.17	.97	44.0	21.5	6.5	458	28	67	7.8
AHA K-9	5.10	1.16	.97	41.5	20.5	6.3	421	22	68	7.8
GA. H.T.	5.00	1.17	.98	43.9	22.1	6.8	412	27	67	7.3
PD 60-259	4.60	1.19	.99	45.5	22.6	5.9	428	26	69	7.5
ATLAS (A X C)	5.00	1.16	.97	45.7	22.5	5.6	427	22	65	7.5
PD 61-165	4.80	1.23	1.04	47.3	23.4	5.4	419	32	66	7.8

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE							
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH	
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	
	PER ACRE	BOLL	LB.			PCT.	PCT.	

EXPERIMENT, GA.

CAROLINA QUEEN	1016	A	6.97	65	38.7	10.9	.54	1.12	127
TH 149	964	AB	8.56	53	35.6	13.9	.57	1.16	141
COKER 413	929	ABC	6.27	73	37.4	10.5	.53	1.14	138
GA. H.T.	908	ABCD	6.47	70	35.9	11.2	.55	1.10	146
PD 60-259	867	ABCDE	7.06	65	36.3	12.4	.57	1.15	145
ATLAS (A X DK)	857	ABCDE	7.68	59	36.7	11.9	.53	1.09	144
MO. 61-470	817	BCDE	7.58	60	36.0	12.9	.53	1.10	128
DELTAPINE S.L.	813	BCDE	6.46	70	36.9	10.6	.54	1.15	129
STONEVILLE 213	813	BCDE	6.77	67	37.7	11.1	.53	1.10	126
PD 61-165	776	CDE	6.87	67	36.4	12.4	.58	1.20	152
ATLAS (A X C)	771	CDE	6.58	69	36.6	11.8	.51	1.07	143
DELTAPINE 523	747	DE	6.25	73	34.6	11.8	.55	1.11	144
AHA K-9	725	EF	7.35	62	34.1	12.4	.54	1.09	138
ST. 508-9117	716	EF	6.68	68	36.2	11.2	.55	1.19	138
HOPICALA	583	F	8.10	56	37.1	12.4	.55	1.13	152

TIFTON, GA.

MO. 61-470	770	A	7.81	58	36.5		.57	1.14	119
STONEVILLE 213	748	AB	6.66	69	38.3		.54	1.11	117
AHA K-9	730	ABC	7.71	59	35.0		.55	1.08	126
CAROLINA QUEEN	726	ABC	7.19	63	38.9		.56	1.15	123
ATLAS (A X C)	685	ABCD	6.80	67	35.9		.55	1.09	135
TH 149	675	ABCD	7.49	61	36.5		.59	1.20	144
DELTAPINE S.L.	634	BCDE	6.12	75	38.4		.55	1.14	128
COKER 413	625	CDE	5.90	77	40.3		.57	1.17	137
DELTAPINE 523	623	CDE	5.90	77	34.1		.57	1.13	137
PD 60-259	618	CDE	7.01	65	36.7		.59	1.18	140
GA. H.T.	614	CDE	6.11	75	35.7		.57	1.11	143
ATLAS (A X DK)	598	DE	6.65	68	38.4		.56	1.12	141
PD 61-165	570	DE	7.12	64	39.0		.61	1.21	150
HOPICALA	554	E	7.28	63	37.0		.55	1.08	137
ST. 508-9117	550	E	6.12	75	36.6		.57	1.18	137

FLORENCE, S. C.

MO. 61-470	1067	A	7.26	63	35.3	14.3	.55	1.17	122
TH 149	1060	A	8.33	55	34.7	14.9	.56	1.18	138
ATLAS (A X C)	1054	A	6.80	67	36.5	12.5	.55	1.14	141
PD 61-165	1030	AB	7.00	65	38.6	13.3	.58	1.19	151
CAROLINA QUEEN	914	BC	6.77	67	37.4	11.9	.53	1.16	118
STONEVILLE 213	913	BC	6.10	75	37.1	11.5	.51	1.13	115
PD 60-259	904	BC	7.17	64	36.8	13.6	.53	1.14	137
DELTAPINE S.L.	899	BC	5.93	77	37.3	10.4	.55	1.17	122
DELTAPINE 523	886	BC	5.69	80	33.1	11.7	.55	1.14	138
GA. H.T.	852	C	6.37	72	35.8	11.7	.56	1.12	141
HOPICALA	848	C	7.36	62	36.7	12.8	.55	1.13	144
AHA K-9	843	C	7.18	64	34.1	13.1	.54	1.12	129
ATLAS (A X DK)	831	C	7.37	62	36.6	12.3	.53	1.10	140
COKER 413	810	C	6.09	75	36.9	11.3	.56	1.20	136
ST. 508-9117	643	D	6.07	75	34.7	11.7	.53	1.17	133

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	A	RD
	MEAN	TO	D	B

EXPERIMENT, GA.

CAROLINA QUEEN	4.60	1.14	.98	36.6	18.5	8.2	452	33	76	8.5
TH 149	4.20	1.18	1.02	38.7	20.0	7.1	474	36	76	8.5
COKER 413	3.80	1.18	1.01	33.0	18.6	7.9	495	43	77	8.8
GA. H.T.	4.70	1.12	.97	40.0	22.8	8.1	441	2.7	76	8.0
PD 60-259	4.20	1.17	1.00	40.6	20.9	7.0	485	35	76	8.8
ATLAS (A X DK)	4.30	1.11	.96	38.7	21.2	8.3	467	31	74	8.8
MO. 61-470	4.10	1.13	.98	35.3	20.0	11.0	482	31	74	9.0
DELTAPINE S.L.	4.50	1.17	1.00	33.9	19.1	10.9	465	36	76	8.8
STONEVILLE 213	4.60	1.14	.99	34.5	18.6	8.8	443	36	77	9.0
PD 61-165	4.10	1.21	1.02	41.7	23.0	6.7	486	34	77	8.5
ATLAS (A X C)	4.50	1.10	.96	41.2	22.0	6.8	456	26	75	8.8
DELTAPINE 523	4.40	1.13	1.00	33.5	20.2	8.7	457	32	76	9.0
AHA K-9	4.30	1.10	.96	36.6	19.9	8.2	459	29	75	9.0
ST. 508-9117	3.60	1.20	.98	34.8	19.3	9.8	523	50	78	8.3
HOPICALA	3.70	1.15	1.01	40.8	22.1	8.3	486	39	78	8.3

TIFTON, GA.

MO. 61-470	4.60	1.17	1.01	32.0	17.3	12.0	447	41	74	9.3
STONEVILLE 213	4.90	1.14	.98	32.3	16.9	10.1	434	35	76	9.0
AHA K-9	5.00	1.12	.97	33.7	18.3	9.1	434	38	74	9.0
CAROLINA QUEEN	4.60	1.18	1.02	31.7	17.5	9.1	452	51	76	8.8
ATLAS (A X C)	4.80	1.11	.96	38.3	20.2	7.8	437	34	76	9.0
TH 149	4.50	1.20	1.04	36.7	20.5	8.3	451	43	75	8.5
DELTAPINE S.L.	4.60	1.14	.99	32.2	18.4	11.1	448	43	78	8.5
COKER 413	4.50	1.20	1.03	35.9	19.3	8.2	456	47	74	9.0
DELTAPINE 523	4.30	1.13	.99	33.2	19.0	9.6	474	46	75	9.3
PD 60-259	4.90	1.18	1.01	38.7	20.3	7.4	428	30	76	8.8
GA. H.T.	5.10	1.11	.96	38.3	21.7	9.6	423	28	75	8.5
ATLAS (A X DK)	4.20	1.13	.98	37.2	20.7	8.8	465	55	75	9.0
PD 61-165	4.90	1.21	1.03	41.0	22.1	6.9	432	40	74	9.0
HOPICALA	4.00	1.10	.96	36.0	20.6	8.9	483	57	76	8.5
ST. 508-9117	4.00	1.24	1.04	33.1	18.8	9.8	484	58	77	8.8

FLORENCE, S. C.

MO. 61-470	4.30	1.20	.97	32.0	18.4	12.6	470	62	75	9.0
TH 149	4.40	1.22	1.01	36.7	19.8	8.7	462	35	79	8.0
ATLAS (A X C)	4.60	1.15	.95	41.3	20.8	7.8	441	40	76	8.3
PD 61-165	4.40	1.22	1.00	41.4	21.9	7.4	462	40	77	8.0
CAROLINA QUEEN	4.40	1.19	.98	31.7	17.0	9.7	459	41	78	8.5
STONEVILLE 213	4.40	1.15	.95	31.3	16.9	11.0	447	50	78	8.3
PD 60-259	4.50	1.17	.96	38.4	20.2	8.1	457	45	76	8.3
DELTAPINE S.L.	4.30	1.19	.99	32.3	17.9	12.9	467	43	81	8.0
DELTAPINE 523	4.10	1.16	1.01	34.3	19.2	9.9	486	57	78	8.0
GA. H.T.	4.60	1.13	.96	38.6	21.6	9.0	441	44	78	7.8
HOPICALA	3.80	1.15	1.00	36.2	20.5	9.5	492	52	79	8.0
AHA K-9	4.60	1.12	.95	36.4	19.1	9.0	437	38	77	8.0
ATLAS (A X DK)	4.00	1.15	.97	37.5	20.6	9.6	481	58	75	8.3
COKER 413	4.00	1.23	1.01	36.3	18.7	8.8	486	58	76	8.8
ST. 508-9117	4.10	1.22	1.00	33.0	18.7	11.3	529	56	79	8.3

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE									
	YIELD		GRAM	NO.	LINT	SEED	SPAN	LENGTH	•	
	LB.	LINT	PER	PER	PCT.	INDEX	50	2.5	• 22'S	
	PER ACRE	• BOLL	• LB.	•	•	•	• PCT.	• PCT.	•	

FLORENCE, S. C. 2

MO. 61-470	1232	A	6.84	67	36.2	14.3	.55	1.17	123
TH 149	1163	AB	8.39	55	36.9	14.9	.57	1.19	140
PD 61-165	1152	AB	6.79	67	40.0	13.4	.57	1.23	144
ATLAS (A X C)	1127	ABC	6.56	69	37.9	12.6	.54	1.10	140
CAROLINA QUEEN	1086	BC	6.75	68	37.8	12.0	.55	1.15	122
PD 60-259	1084	BC	6.96	65	37.4	13.8	.53	1.16	142
GA. H.T.	1053	BCD	6.21	73	36.9	12.0	.57	1.13	143
STONEVILLE 213	1051	BCD	6.19	73	38.3	11.5	.54	1.13	118
AHA K-9	1043	BCD	7.12	64	34.8	13.0	.54	1.11	127
DELTAPINE S.L.	1025	CDE	5.76	79	37.8	10.1	.53	1.16	127
COKER 413	959	DE	6.10	75	38.1	11.2	.56	1.21	137
ATLAS (A X DK)	944	DEF	7.11	64	37.4	12.4	.53	1.09	142
DELTAPINE 523	912	EF	5.51	83	34.4	11.8	.56	1.12	141
ST. 508-9117	838	FG	6.21	74	36.5	11.9	.57	1.24	137
HOPICALA	785	G	7.23	63	36.9	13.1	.55	1.14	139

ROCKY MOUNT, N. C.

MO. 61-470	778	A	6.40	71	37.0	12.1	.54	1.09	134
STONEVILLE 213	739	AB	5.17	88	39.3	9.6	.49	1.02	121
TH 149	723	ABC	6.74	67	36.4	12.6	.54	1.11	148
ST. 508-9117	702	BCD	5.42	84	38.0	9.9	.54	1.11	136
COKER 413	692	BCD	5.30	86	37.6	10.1	.55	1.12	148
ATLAS (A X DK)	683	BCD	6.09	75	37.7	10.5	.49	1.00	146
PD 61-165	682	BCD	5.83	78	39.4	11.0	.55	1.13	153
ATLAS (A X C)	680	BCD	5.83	78	37.1	11.1	.51	1.03	144
DELTAPINE S.L.	664	CDE	4.86	94	39.9	8.5	.49	1.04	132
GA. H.T.	655	CDE	5.51	83	36.6	10.2	.54	1.06	151
CAROLINA QUEEN	643	DE	5.77	79	38.1	10.2	.53	1.09	132
PD 60-259	643	DE	5.92	77	36.9	11.5	.53	1.08	148
AHA K-9	605	E	6.10	75	35.3	11.0	.52	1.03	141
HOPICALA	529	F	6.39	71	39.8	10.9	.50	.99	148
DELTAPINE 523	495	F	5.05	90	35.0	10.8	.53	1.04	144

BELLA MINA, ALA.

STONEVILLE 213	1238	A	6.76	67	41.0	11.5	.54	1.12	114
CAROLINA QUEEN	1217	AB	7.31	62	42.3	11.4	.54	1.15	122
ATLAS (A X DK)	1115	ABC	7.49	61	40.0	12.0	.56	1.14	140
TH 149	1097	ABC	8.06	57	38.4	14.0	.58	1.20	141
COKER 413	1090	ABC	6.24	73	40.0	11.3	.57	1.21	136
AHA K-9	1069	ABC	7.51	61	38.1	12.7	.56	1.11	129
DELTAPINE S.L.	1042	ABC	6.22	73	40.2	11.0	.54	1.15	115
GA. H.T.	1041	ABC	6.33	72	37.9	11.5	.54	1.09	144
ST. 508-9117	996	ABC	6.97	65	38.8	12.2	.55	1.22	128
PD 60-259	991	ABC	7.08	64	39.5	13.2	.57	1.18	137
HOPICALA	961	BC	7.99	57	39.5	13.1	.54	1.11	142
MO. 61-470	961	BC	7.58	60	38.0	13.5	.56	1.15	125
ATLAS (A X C)	955	BC	6.74	68	39.7	12.5	.54	1.10	138
PD 61-165	921	C	6.94	66	40.2	13.4	.60	1.22	145
DELTAPINE 523	679	D	6.28	72	36.9	12.2	.56	1.13	139

## 1965 HIGH QUALITY REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-				
	MICRO-	SLIVER	METER	METER				
	NAIRE	UHM MEAN	T1	E1	A	D	RD	B
	•	•	•	•	•	•	•	•

FLORENCE, S. C. 2

MO. 61-470	4.20	1.18	1.00	32.6	18.6	12.5	463	56	75	9.0
TH 149	4.40	1.23	1.04	37.5	19.8	8.2	470	44	79	8.3
PD 61-165	4.70	1.22	1.01	41.1	20.7	6.9	439	34	77	8.5
ATLAS (A X C)	4.50	1.13	.95	40.1	21.0	7.3	435	48	78	8.8
CAROLINA QUEEN	4.40	1.16	.96	33.4	17.7	8.8	473	47	79	8.5
PD 60-259	4.40	1.17	.98	37.7	19.6	7.7	454	48	78	8.5
GA. H.T.	4.60	1.14	.98	39.7	21.6	8.8	442	38	77	8.0
STONEVILLE 213	4.50	1.15	.97	31.7	17.5	10.8	448	43	77	9.0
AHA K-9	4.50	1.11	.94	34.8	18.4	9.2	449	51	76	9.0
DELTAPINE S.L.	4.00	1.16	.93	32.8	18.6	12.7	493	49	78	9.0
COKER 413	4.00	1.22	1.04	37.0	18.8	8.1	475	63	76	9.5
ATLAS (A X DK)	4.10	1.13	.97	38.0	20.7	9.1	468	61	76	9.0
DELTAPINE 523	4.10	1.13	.98	35.1	19.5	9.8	480	62	76	8.8
ST. 508-9117	3.50	1.26	1.07	32.9	18.5	11.2	540	76	78	8.5
HOPICALA	3.70	1.13	.95	36.3	20.8	9.0	499	46	78	8.5

ROCKY MOUNT, N. C.

MO. 61-470	4.40	1.10	.91	37.8	21.0	10.7	463	35	76	9.0
STONEVILLE 213	5.00	1.02	.88	36.4	18.2	8.9	424	28	77	9.0
TH 149	4.20	1.15	.95	41.1	21.4	6.7	473	29	78	8.3
ST. 508-9117	4.10	1.10	.90	36.8	19.7	9.3	495	34	78	8.5
COKER 413	4.10	1.15	.97	39.1	20.6	7.7	490	45	77	8.8
ATLAS (A X DK)	4.20	1.01	.88	41.8	21.1	7.4	474	28	76	8.8
PD 61-165	4.30	1.13	.92	44.7	22.7	6.3	472	25	77	8.5
ATLAS (A X C)	4.50	1.01	.88	42.3	22.1	6.9	448	36	78	8.8
DELTAPINE S.L.	4.60	1.04	.90	35.6	19.6	11.5	444	27	78	9.3
GA. H.T.	4.60	1.07	.92	41.9	23.0	7.3	457	24	77	8.3
CAROLINA QUEEN	4.50	1.09	.93	37.1	18.7	8.2	456	36	77	8.5
PD 60-259	4.20	1.08	.89	42.0	21.5	6.7	482	27	77	8.8
AHA K-9	4.30	1.04	.90	38.4	20.7	7.9	466	40	75	9.0
HOPICALA	4.40	.99	.87	41.2	22.3	8.5	453	33	76	8.5
DELTAPINE 523	4.60	1.05	.90	39.3	20.4	7.8	454	23	77	9.0

BELLA MINA, ALA.

STONEVILLE 213	4.90	1.15	.96	33.4	17.2	9.0	436	22	77	9.0
CAROLINA QUEEN	4.70	1.18	.97	35.2	17.5	7.4	446	26	77	9.0
ATLAS (A X DK)	4.30	1.14	.95	40.6	20.6	7.5	460	35	77	8.5
TH 149	4.20	1.23	1.03	38.7	19.8	6.8	470	33	79	8.0
COKER 413	4.20	1.24	1.01	38.3	18.3	7.4	477	34	79	8.5
AHA K-9	4.80	1.12	.94	39.0	19.8	7.3	439	26	76	9.3
DELTAPINE S.L.	4.70	1.18	.98	33.1	17.8	10.5	452	27	79	8.8
GA. H.T.	4.90	1.13	.96	42.0	22.0	6.9	439	31	77	8.3
ST. 508-9117	3.90	1.23	.99	34.2	17.5	9.3	493	29	79	8.5
PD 60-259	4.50	1.19	.98	40.3	20.7	6.3	462	23	77	8.3
HOPICALA	4.20	1.15	.98	40.2	21.1	7.5	482	30	79	8.3
MO. 61-470	4.20	1.16	.97	35.4	19.1	10.6	471	40	75	9.0
ATLAS (A X C)	4.40	1.13	.93	40.9	21.2	6.6	459	30	78	8.8
PD 61-165	4.60	1.25	1.01	42.6	21.5	6.0	450	27	77	8.5
DELTAPINE 523	4.60	1.13	.98	38.6	20.4	7.1	446	25	77	8.8

1965 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	BOLL SIZE							
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH	
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5	
	PER ACRE	BOLL	LB.			PCT.	PCT.	

VARIETIES COMBINING LOCATIONS

CB 58	767	A	3.59	127	35.4	11.2	.63	1.30	164
PIMA S-2	734	AB	3.69	124	35.9	12.3	.63	1.34	171
PIMA S-4	729	AB	3.74	122	35.5	12.2	.65	1.40	176
STROMAN PIMA	682	BC	3.74	122	35.1	12.4	.65	1.34	174
P-17	657	C	3.14	146	34.7	12.4	.68	1.48	180
PIMA S-3	645	C	3.67	124	33.0	12.6	.66	1.41	175
P-18	639	C	3.36	136	33.9	12.6	.67	1.41	184
PIMA S-1	617	C	3.87	118	33.8	12.8	.66	1.38	180

SUBREGIONAL SUMMARY COMBINING PHOENIX, MARANA, AND PEORIA

CB 58	915	A	3.69	123	34.1	12.0	.64	1.35	168
PIMA S-4	891	A	4.08	112	34.4	13.2	.68	1.44	179
PIMA S-2	821	AB	4.04	112	35.2	13.2	.65	1.38	173
STROMAN PIMA	777	ABC	4.10	111	34.1	13.1	.68	1.39	177
PIMA S-1	699	BC	4.21	108	32.0	13.9	.66	1.43	182
P-17	672	BC	3.42	133	34.4	12.7	.72	1.51	185
PIMA S-3	625	C	3.94	116	32.0	13.2	.68	1.45	178
P-18	622	C	3.68	124	33.6	12.9	.68	1.41	182

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE AND CURTIS FARMS), UNIVERSITY PARK, EL PASO, LA MESA, FABENS, TORNILLO, AND PECOS

CB 58	711	A	3.55	128	35.9	10.9	.62	1.28	163
PIMA S-2	701	AB	3.56	128	36.2	12.0	.62	1.32	170
PIMA S-4	668	AB	3.62	126	35.9	11.9	.64	1.39	175
PIMA S-3	653	B	3.57	128	33.4	12.4	.65	1.39	174
P-17	652	B	3.04	150	34.8	12.2	.66	1.46	179
STROMAN PIMA	646	B	3.61	126	35.4	12.1	.64	1.33	173
P-18	646	B	3.24	140	34.1	12.5	.67	1.41	185
PIMA S-1	586	C	3.74	122	34.5	12.4	.66	1.36	179

LOCATIONS COMBINING VARIETIES

PHOENIX, ARIZ.	563		3.71	123	32.8	12.6	.66	1.39	178
MARANA, ARIZ.	913		3.98	115	34.3	13.1	.69	1.43	174
S.(PACE), ARIZ.	708		3.87	118	37.4	11.9	.70	1.40	178
S.(CURTIS), ARIZ.	624		3.67	125	37.0	11.5	.64	1.37	170
U. PK., N. MEX.	592		3.24	141	33.6	11.3	.60	1.33	171
EL PASO, TEX.	935		3.52	129	34.2	12.3	.66	1.38	176
LA MESA, N. MEX.	566		3.26	140	34.4	12.2	.64	1.36	173
FABENS, TEX.	691		3.48	131	34.3	13.0	.67	1.40	176
TORNILLO, TEX.	726		3.38	135	34.8	12.0	.64	1.37	180
PECOS, TEX.	422		3.50	131	34.3	12.3	.61	1.33	175
PEORIA, ARIZ.	781		3.99	114	34.1	13.4	.68	1.44	182

1965 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-					
	MICRO-	SLIVER	METER	METER					
	NAIRE	UHM MEAN	T0	T1	E1	A	D	RD	B
	•	•	•	•	•	•	•	•	•
	•	•	•	•	•	•	•	•	•

VARIETIES COMBINING LOCATIONS

CB 58	3.50	1.25	.97	41.2	24.2	10.0	531	56	67	10.0
PIMA S-2	3.60	1.30	1.03	42.8	26.0	9.5	520	46	69	10.2
PIMA S-4	3.40	1.34	1.04	43.3	26.8	9.9	531	54	67	10.5
STROMAN PIMA	3.50	1.29	1.03	42.8	26.3	9.6	518	48	67	10.4
P-17	3.50	1.41	1.09	45.0	26.7	8.1	514	53	70	8.8
PIMA S-3	3.20	1.34	1.04	42.2	25.5	9.7	556	59	64	10.8
P-18	3.20	1.36	1.05	44.7	28.0	9.0	545	63	67	10.2
PIMA S-1	3.10	1.33	1.04	42.1	25.9	9.9	555	64	67	10.6

SUBREGIONAL SUMMARY COMBINING PHOENIX, MARANA, AND PEORIA

CB 58	3.60	1.31	1.04	41.7	23.9	9.1	522	53	64	9.3
PIMA S-4	3.60	1.40	1.09	43.4	26.3	9.5	519	55	66	9.9
PIMA S-2	3.70	1.36	1.09	42.4	25.4	9.2	516	47	68	9.4
STROMAN PIMA	3.60	1.34	1.08	42.9	25.4	8.9	506	48	67	9.5
PIMA S-1	3.20	1.39	1.10	42.6	26.3	8.8	541	68	66	9.8
P-17	3.60	1.45	1.15	45.3	26.6	7.5	516	55	69	8.0
PIMA S-3	3.40	1.39	1.09	42.8	25.6	8.9	546	57	63	10.3
P-18	3.20	1.38	1.08	44.3	27.1	8.6	546	70	66	9.5

SUBREGIONAL SUMMARY COMBINING SAFFORD (PACE AND CURTIS FARMS), UNIVERSITY PARK, EL PASO, LA MESA, FABENS, TORNILLO, AND PECOS

CB 58	3.40	1.23	.95	41.0	24.3	10.4	534	57	68	10.3
PIMA S-2	3.60	1.28	1.01	42.9	26.3	9.7	522	46	69	10.5
PIMA S-4	3.30	1.32	1.02	43.2	26.9	10.1	536	54	68	10.8
PIMA S-3	3.20	1.32	1.01	42.0	25.5	10.0	560	60	64	11.0
P-17	3.50	1.39	1.07	44.9	26.8	8.3	514	52	71	9.1
STROMAN PIMA	3.50	1.27	1.01	42.7	26.6	9.8	523	47	67	10.7
P-18	3.20	1.35	1.04	44.8	28.4	9.2	544	61	68	10.5
PIMA S-1	3.10	1.30	1.02	41.9	25.7	10.4	561	63	67	10.9

LOCATIONS COMBINING VARIETIES

PHOENIX, ARIZ.	3.00	1.37	1.07	43.7	25.6	8.8	568	63	65	9.4
MARANA, ARIZ.	3.70	1.38	1.11	41.9	25.1	8.9	512	51	68	10.0
S.(PACE), ARIZ.	3.50	1.35	1.07	43.5	26.2	9.4	517	42	68	10.8
S.(CURTIS), ARIZ.	3.50	1.32	1.03	42.3	25.3	9.5	524	51	68	10.6
U. PK., N. MEX.	2.70	1.26	.95	42.9	25.2	9.4	612	75	67	10.3
EL PASO, TEX.	3.50	1.35	1.06	42.3	26.5	9.8	522	51	68	10.3
LA MESA, N. MEX.	3.20	1.31	.99	42.9	26.4	9.8	556	67	67	10.8
FABENS, TEX.	3.70	1.33	1.03	42.5	26.5	10.1	512	52	68	10.0
TORNILLO, TEX.	3.60	1.29	1.01	44.1	27.4	9.9	515	56	67	10.2
PECOS, TEX.	3.30	1.27	.99	43.2	26.8	10.0	537	48	68	10.8
PEORIA, ARIZ.	3.70	1.38	1.09	43.9	26.8	8.8	500	55	65	9.0

1965 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

BOLL SIZE, GRAM PER BOLL	BOLL SIZE, NO. PER LB.	LINT PCT.			
PIMA S-1	3.87 A	P-17	146 A	PIMA S-2	35.9 A
PIMA S-4	3.74 B	P-18	136 B	PIMA S-4	35.5 AB
STROMAN PIMA	3.74 B	CB 58	127 C	CB 58	35.4 AB
PIMA S-2	3.69 BC	PIMA S-3	124 CD	STROMAN PIMA	35.1 BC
PIMA S-3	3.67 BC	PIMA S-2	124 CD	P-17	34.7 C
CB 58	3.59 C	PIMA S-4	122 DE	P-18	33.9 D
P-18	3.36 D	STROMAN PIMA	122 DE	PIMA S-1	33.8 D
P-17	3.14 E	PIMA S-1	118 E	PIMA S-3	33.0 E

SEED INDEX	SPAN LENGTH, 50 PCT.	SPAN LENGTH, 2.5 PCT.			
PIMA S-1	12.8 A	P-17	.68 A	P-17	1.48 A
P-18	12.6 AB	P-18	.67 AB	PIMA S-3	1.41 B
PIMA S-3	12.6 AB	PIMA S-1	.66 AB	P-18	1.41 B
STROMAN PIMA	12.4 BC	PIMA S-3	.66 AB	PIMA S-4	1.40 BC
P-17	12.4 BC	PIMA S-4	.65 BC	PIMA S-1	1.38 C
PIMA S-2	12.3 BC	STROMAN PIMA	.65 BC	PIMA S-2	1.34 D
PIMA S-4	12.2 C	PIMA S-2	.63 C	STROMAN PIMA	1.34 D
CB 58	11.2 D	CB 58	.63 C	CB 58	1.30 E

22'S	MICRONAIRE	DRAWING SLIVER, UHM			
P-18	184 A	PIMA S-2	3.60 A	P-17	1.41 A
PIMA S-1	180 B	CB 58	3.50 AB	P-18	1.36 B
P-17	180 B	P-17	3.50 AB	PIMA S-3	1.34 C
PIMA S-4	176 C	STROMAN PIMA	3.50 AB	PIMA S-4	1.34 C
PIMA S-3	175 C	PIMA S-4	3.40 B	PIMA S-1	1.33 C
STROMAN PIMA	174 C	PIMA S-3	3.20 C	PIMA S-2	1.30 D
PIMA S-2	171 D	P-18	3.20 C	STROMAN PIMA	1.29 D
CB 58	164 E	PIMA S-1	3.10 C	CB 58	1.25 E

1965 PIMA REGIONAL COTTON VARIETY TEST  
REGIONAL SUMMARY

DRAWING SLIVER, MEAN			STELOMETER - T0			STELOMETER - T1		
P-17	1.09	A	P-17	45.0	A	P-18	28.0	A
P-18	1.05	B	P-18	44.7	A	PIMA S-4	26.8	B
PIMA S-1	1.04	B	PIMA S-4	43.3	B	P-17	26.7	B
PIMA S-3	1.04	B	PIMA S-2	42.8	BC	STROMAN PIMA	26.3	BC
PIMA S-4	1.04	B	STROMAN PIMA	42.8	BC	PIMA S-2	26.0	CD
PIMA S-2	1.03	B	PIMA S-3	42.2	CD	PIMA S-1	25.9	CD
STROMAN PIMA	1.03	B	PIMA S-1	42.1	D	PIMA S-3	25.5	D
CB 58	.97	C	CB 58	41.2	E	CB 58	24.2	E

STELOMETER - E1			AREALOMETER - A			AREALOMETER - D		
CB 58	10.0	A	PIMA S-3	556	A	PIMA S-1	64	A
PIMA S-1	9.9	AB	PIMA S-1	555	A	P-18	63	A
PIMA S-4	9.9	AB	P-18	545	A	PIMA S-3	59	AB
PIMA S-3	9.7	BC	CB 58	531	B	CB 58	56	BC
STROMAN PIMA	9.6	C	PIMA S-4	531	B	PIMA S-4	54	BC
PIMA S-2	9.5	C	PIMA S-2	520	BC	P-17	53	CD
P-18	9.0	D	STROMAN PIMA	518	BC	STROMAN PIMA	48	DE
P-17	8.1	E	P-17	514	C	PIMA S-2	46	E

COLORIMETER - RD			COLORIMETER - B		
P-17	70	A	PIMA S-3	10.8	A
PIMA S-2	69	A	PIMA S-1	10.6	AB
PIMA S-1	67	B	PIMA S-4	10.5	B
CB 58	67	B	STROMAN PIMA	10.4	BC
PIMA S-4	67	B	PIMA S-2	10.2	CD
P-18	67	B	P-18	10.2	CD
STROMAN PIMA	67	B	CB 58	10.0	D
PIMA S-3	64	C	P-17	8.8	E

1965 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE								22'S
	YIELD	GRAM	NO.	LINT	SEED	SPAN	LENGTH		
	LB. LINT	PER	PER	PCT.	INDEX	50	2.5		
	PER ACRE	BOLL	LB.					PCT.	PCT.

PHOENIX, ARIZ.

CB 58	702	A	3.51	130	33.5	11.5	.65	1.35	168
PIMA S-4	658	AB	3.97	115	32.9	13.0	.66	1.42	177
PIMA S-2	639	ABC	3.92	116	34.2	12.8	.65	1.38	174
STROMAN PIMA	595	BC	3.90	117	33.2	12.7	.64	1.34	178
PIMA S-1	550	CD	3.96	115	31.8	13.1	.67	1.42	182
P-17	548	CD	3.25	140	33.3	12.2	.71	1.46	181
PIMA S-3	483	D	3.77	121	31.8	12.6	.67	1.39	178
P-18	329	E	3.43	133	31.9	12.5	.66	1.37	184

PEORIA, ARIZ.

CB 58	1073	A	3.75	121	34.6	12.1	.65	1.37	172
PIMA S-4	1002	A	4.24	107	35.1	13.5	.67	1.44	186
PIMA S-2	831	B	4.07	112	35.6	13.7	.67	1.38	178
STROMAN PIMA	819	B	4.18	109	34.2	13.3	.69	1.42	180
PIMA S-1	731	B	4.38	104	32.1	14.5	.66	1.47	183
P-18	715	B	3.91	116	34.2	13.4	.68	1.44	185
PIMA S-3	558	C	3.95	115	31.8	13.8	.68	1.47	183
P-17	523	C	3.44	132	34.9	13.0	.74	1.55	190

MARANA, ARIZ.

PIMA S-4	1012	A	4.02	113	35.2	13.0	.72	1.46	173
PIMA S-2	993	A	4.14	110	35.9	13.1	.65	1.38	168
CB 58	968	A	3.82	119	34.2	12.3	.64	1.34	163
P-17	944	A	3.58	127	35.1	12.8	.72	1.52	184
STROMAN PIMA	917	AB	4.21	108	34.8	13.2	.72	1.41	172
PIMA S-3	834	B	4.10	111	32.4	13.1	.69	1.49	175
P-18	821	B	3.71	123	34.8	12.9	.70	1.44	178
PIMA S-1	816	B	4.28	106	32.0	14.0	.66	1.41	181

SAFFORD (PACE FARM), ARIZ.

CB 58	830	A	3.77	120	38.8	10.8	.66	1.34	167
P-18	754	AB	3.63	125	36.6	12.2	.73	1.45	185
PIMA S-2	735	AB	3.99	114	38.7	11.9	.66	1.35	175
PIMA S-3	706	AB	3.95	115	35.8	12.1	.70	1.40	179
PIMA S-1	668	B	4.29	106	36.9	12.3	.74	1.40	184
PIMA S-4	663	B	3.86	118	37.9	11.8	.68	1.43	174
P-17	654	B	3.49	130	36.9	12.2	.73	1.52	184
STROMAN PIMA	652	B	3.94	115	37.6	11.9	.69	1.37	179

## 1965 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-	
	MICRO-	SLIVER	METER	METER	
	NAIRE	UHM MEAN	T1	E1	A D

PHOENIX, ARIZ.

CB 58	3.40	1.33	1.07	41.6	23.7	8.9	524	61	63	9.0
PIMA S-4	3.10	1.39	1.06	43.3	25.9	10.0	565	66	67	10.0
PIMA S-2	3.10	1.36	1.09	43.2	24.5	8.9	566	50	67	9.3
STROMAN PIMA	3.30	1.33	1.07	43.4	25.2	8.5	530	53	65	9.5
PIMA S-1	2.90	1.38	1.06	43.7	26.8	8.8	580	71	65	10.0
P-17	2.90	1.42	1.10	45.5	26.1	7.6	568	62	69	7.8
PIMA S-3	2.90	1.38	1.10	43.7	26.0	8.9	594	58	64	9.8
P-18	2.50	1.35	1.04	45.7	26.5	8.6	617	87	66	9.8

PEORIA, ARIZ.

CB 58	3.70	1.32	1.03	41.9	24.7	9.1	524	48	63	8.8
PIMA S-4	4.00	1.38	1.10	45.1	27.7	9.3	487	50	64	9.5
PIMA S-2	3.90	1.37	1.09	43.1	26.5	9.1	484	48	68	9.0
STROMAN PIMA	3.80	1.36	1.10	42.9	26.2	9.1	484	47	66	9.0
PIMA S-1	3.40	1.40	1.10	43.4	27.0	8.8	518	69	66	9.5
P-18	3.50	1.38	1.08	44.5	28.1	8.7	506	67	65	8.8
PIMA S-3	3.50	1.40	1.09	43.8	26.6	8.9	511	61	62	10.3
P-17	3.80	1.48	1.17	46.5	27.9	7.2	485	54	67	7.3

MARANA, ARIZ.

PIMA S-4	3.70	1.42	1.13	41.9	25.5	9.2	506	48	69	10.3
PIMA S-2	4.00	1.36	1.10	40.8	25.2	9.5	499	44	70	10.0
CB 58	3.70	1.29	1.01	41.7	23.3	9.2	520	50	68	10.0
P-17	4.10	1.46	1.17	43.8	25.9	7.6	495	49	71	9.0
STROMAN PIMA	3.70	1.35	1.09	42.6	24.9	9.2	503	45	69	10.0
PIMA S-3	3.70	1.39	1.10	40.9	24.2	9.0	535	52	64	10.8
P-18	3.70	1.41	1.13	42.8	26.7	8.6	516	55	67	10.0
PIMA S-1	3.50	1.40	1.15	40.9	25.0	8.7	525	64	68	10.0

SAFFORD (PACE FARM), ARIZ.

CB 58	3.50	1.27	.99	41.0	24.1	10.1	517	41	68	10.8
P-18	3.20	1.40	1.10	44.9	27.8	9.1	539	48	69	10.8
PIMA S-2	3.80	1.32	1.08	43.4	26.1	9.4	506	40	70	10.5
PIMA S-3	3.50	1.35	1.06	42.9	25.9	10.0	519	42	64	11.8
PIMA S-1	3.30	1.34	1.09	43.2	25.7	10.2	543	56	67	11.0
PIMA S-4	3.30	1.36	1.04	43.2	27.2	9.4	523	45	67	11.0
P-17	3.70	1.45	1.13	45.7	26.5	7.8	488	38	71	9.5
STROMAN PIMA	3.60	1.30	1.06	43.7	26.4	9.5	501	32	68	11.0

1965 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE								• SPAN LENGTH •	• 22's •
	• YIELD •	• GRAM PER •	• NO. PER •	• LINT PCT. •	• SEED INDEX •	• 50 PCT. •	• 2.5 PCT. •	•		
• LB. LINT •	• BOLL •	• LB. •	•	•	•	•	•	•	•	•
• PER ACRE •	•	•	•	•	•	•	•	•	•	•

SAFFORD (CURTIS FARM), ARIZ.

PIMA S-2	676 A	3.72	122	38.3	11.4	.59	1.30	164
PIMA S-3	676 A	3.71	123	35.8	11.4	.62	1.39	168
PIMA S-4	661 A	3.75	121	37.5	11.6	.64	1.40	169
CB 58	657 A	3.72	122	37.8	10.9	.63	1.30	160
PIMA S-1	610 AB	4.09	111	36.8	11.8	.66	1.38	178
P-18	603 AB	3.44	132	35.2	12.1	.68	1.43	177
STROMAN PIMA	590 AB	3.83	119	37.3	11.6	.66	1.33	170
P-17	520 B	3.08	148	37.1	11.0	.69	1.47	174

UNIVERSITY PARK, N. MEX.

CB 58	658 A	3.30	138	33.8	10.1	.56	1.27	160
P-17	652 A	2.84	160	33.5	11.4	.61	1.39	173
P-18	589 AB	3.11	146	33.5	12.0	.65	1.42	190
PIMA S-3	586 AB	3.43	133	31.6	12.2	.58	1.33	169
PIMA S-4	585 AB	3.33	137	35.2	11.0	.57	1.36	171
STROMAN PIMA	563 B	3.26	140	34.4	11.2	.61	1.30	168
PIMA S-2	559 B	3.25	140	33.6	11.0	.58	1.27	162
PIMA S-1	539 B	3.40	134	33.8	11.8	.65	1.34	176

EL PASO, TEX.

STROMAN PIMA	1014 A	3.57	128	35.0	12.3	.66	1.35	176
CB 58	990 A	3.54	128	35.2	10.9	.61	1.29	166
P-17	989 A	3.26	141	33.1	12.9	.72	1.49	182
PIMA S-2	980 A	3.52	129	35.8	12.2	.63	1.33	175
P-18	933 A	3.25	140	33.9	13.0	.67	1.40	185
PIMA S-3	925 A	3.61	126	32.0	12.6	.65	1.45	173
PIMA S-4	921 A	3.61	126	35.2	11.6	.65	1.40	176
PIMA S-1	728 B	3.82	119	33.8	12.9	.67	1.34	179

LA MESA, N. MEX.

PIMA S-4	623 A	3.49	130	35.4	12.2	.63	1.39	174
CB 58	617 AB	3.30	138	34.4	10.3	.61	1.28	161
PIMA S-2	606 ABC	3.42	133	35.4	12.6	.64	1.34	169
STROMAN PIMA	594 ABC	3.40	134	34.6	12.6	.63	1.29	169
PIMA S-3	566 ABCD	3.27	139	32.8	12.2	.66	1.39	175
P-18	521 BCD	2.94	155	33.1	12.6	.69	1.43	185
P-17	514 CD	2.81	162	34.6	12.8	.64	1.44	176
PIMA S-1	484 D	3.49	130	35.1	12.4	.63	1.36	174

## 1965 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	•	•	DRAWING	•	STELOMETER	•	AREALO-	•	COLORI-
	•	•	MICRO-	•	SLIVER	•	METER	•	METER
	•	•	NAIRE	•	UHM	•	MEAN	•	A
	•	•	•	•	•	•	•	•	•

SAFFORD (CURTIS FARM), ARIZ.

PIMA S-2	3.60	1.28	1.00	42.3	25.7	9.3	513	44	71	10.3
PIMA S-3	3.30	1.31	1.02	40.8	24.3	9.3	553	55	66	10.5
PIMA S-4	3.60	1.29	1.02	41.7	25.7	10.3	523	51	70	10.8
CB 58	3.50	1.25	.97	41.0	23.0	10.5	524	58	67	11.0
PIMA S-1	3.40	1.34	1.06	42.1	25.2	10.2	532	52	68	10.8
P-18	3.60	1.38	1.09	44.1	27.5	9.1	515	51	68	10.8
STROMAN PIMA	3.70	1.29	1.03	42.0	25.2	9.6	528	47	66	11.0
P-17	3.60	1.41	1.06	44.6	25.9	8.0	503	54	71	9.5

UNIVERSITY PARK, N. MEX.

CB 58	2.80	1.21	.92	41.0	23.7	9.6	630	82	68	10.3
P-17	2.80	1.32	.97	44.2	24.1	8.1	579	71	72	8.5
P-18	2.80	1.31	.98	45.2	28.1	8.9	581	78	68	10.5
PIMA S-3	2.50	1.26	.95	41.8	24.7	9.9	665	79	64	10.8
PIMA S-4	2.80	1.30	.98	43.2	26.1	10.0	597	66	67	10.8
STROMAN PIMA	3.00	1.21	.91	43.3	26.5	9.2	585	58	67	10.8
PIMA S-2	2.50	1.22	.92	42.8	24.4	9.3	610	76	69	10.3
PIMA S-1	2.50	1.25	.94	41.8	24.3	10.2	652	91	66	11.0

EL PASO, TEX.

STROMAN PIMA	3.50	1.31	1.05	42.3	27.0	10.0	515	51	66	11.0
CB 58	3.50	1.27	1.00	40.7	24.6	10.5	514	59	68	10.5
P-17	3.70	1.43	1.11	43.1	27.0	8.6	486	51	70	9.3
PIMA S-2	3.80	1.33	1.07	43.0	27.3	9.5	503	36	69	10.5
P-18	3.20	1.37	1.07	44.9	29.0	9.2	549	53	69	10.0
PIMA S-3	3.30	1.38	1.08	41.3	25.2	10.2	537	51	66	10.5
PIMA S-4	3.40	1.36	1.05	42.7	26.5	10.1	526	54	69	10.3
PIMA S-1	3.30	1.33	1.06	40.0	25.6	10.3	547	51	69	10.8

LA MESA, N. MEX.

PIMA S-4	3.30	1.33	.99	43.7	26.9	10.4	558	69	66	11.0
CB 58	3.20	1.19	.88	41.4	24.4	10.4	561	68	67	10.3
PIMA S-2	3.80	1.31	1.02	42.2	26.4	10.1	524	48	68	11.0
STROMAN PIMA	3.30	1.27	.96	43.5	26.2	9.8	564	65	68	10.8
PIMA S-3	2.90	1.34	1.01	42.1	25.6	9.8	574	75	65	11.5
P-18	3.10	1.36	1.01	44.8	28.4	9.3	564	80	68	10.5
P-17	3.40	1.40	1.07	44.6	27.7	8.4	535	58	72	9.3
PIMA S-1	2.80	1.30	1.01	40.8	26.0	10.7	567	74	66	11.8

## 1965 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	BOLL SIZE								SPAN LENGTH		
	YIELD	GRAM	NO.	LINT	SEED	50	2.5	22's	• PCT.	• PCT.	•
	LB. LINT	• PER	• PER	• PCT.	• INDEX	• PCT.	• PCT.	•	• PCT.	• PCT.	•
	PER ACRE	BOLL	LB.	•	•	•	•	•	•	•	•

FABENS, TEX.

PIMA S-2	805 A	3.59	127	35.8	13.0	.65	1.37	171
CB 58	784 A	3.68	124	36.4	11.8	.73	1.28	161
PIMA S-4	763 A	3.43	133	35.1	12.7	.67	1.41	179
P-17	700 AB	3.10	147	34.5	13.4	.67	1.54	183
STROMAN PIMA	652 B	3.56	128	34.2	12.8	.64	1.34	178
P-18	634 B	3.19	142	32.8	13.5	.65	1.44	184
PIMA S-1	596 B	3.74	122	32.7	13.4	.64	1.38	178
PIMA S-3	591 B	3.57	128	32.7	13.3	.70	1.42	172

TORNILLO, TEX.

P-17	812 A	2.82	161	33.8	12.6	.67	1.48	184
PIMA S-3	770 AB	3.51	130	34.3	12.1	.68	1.41	182
PIMA S-2	753 ABC	3.58	127	36.0	11.9	.62	1.32	178
PIMA S-4	743 ABC	3.47	131	36.2	11.6	.67	1.38	178
P-18	717 BCD	3.29	138	33.7	12.0	.62	1.39	192
CB 58	682 CD	3.45	132	35.4	11.2	.61	1.28	166
PIMA S-1	674 CD	3.45	132	33.4	12.1	.65	1.37	185
STROMAN PIMA	658 D	3.50	130	35.6	12.4	.63	1.31	174

PECOS, TEX.

PIMA S-2	493 A	3.43	133	35.8	12.2	.60	1.30	169
CB 58	472 AB	3.64	125	35.1	11.3	.58	1.22	165
STROMAN PIMA	444 AB	3.81	119	34.7	12.4	.61	1.36	172
P-18	413 AB	3.09	147	33.8	12.9	.65	1.38	185
PIMA S-3	403 AB	3.52	129	32.1	13.1	.61	1.34	174
PIMA S-1	393 AB	3.64	125	33.5	12.7	.62	1.32	179
PIMA S-4	386 AB	4.01	115	34.6	12.5	.65	1.37	179
P-17	371 B	2.91	156	34.7	11.7	.60	1.39	175

## 1965 PIMA REGIONAL COTTON VARIETY TEST

VARIETY	DRAWING	STELOMETER	AREALO-	COLORI-
	MICRO-	SLIVER	METER	METER
	NAIRE	UHM	MEAN	A
	•	•	TO	T1
	•	•	•	E1
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

FABENS, TEX.

PIMA S-2	3.70	1.30	.99	41.8	25.9	10.1	511	48	69	10.0
CB 58	3.80	1.23	.96	40.8	24.8	11.0	495	56	69	10.3
PIMA S-4	3.70	1.37	1.05	43.9	27.6	10.0	515	39	70	10.5
P-17	3.80	1.42	1.10	45.2	27.4	8.5	496	47	72	8.5
STROMAN PIMA	4.00	1.28	1.03	41.4	28.3	10.3	485	46	68	10.0
P-18	3.60	1.38	1.05	44.2	28.1	9.6	518	60	66	10.3
PIMA S-1	3.20	1.34	1.02	40.8	24.6	10.7	544	58	67	10.8
PIMA S-3	3.60	1.37	1.06	41.8	25.8	10.5	532	61	66	10.0

TORNILLO, TEX.

P-17	3.70	1.40	1.11	46.8	27.9	8.6	488	50	70	8.5
PIMA S-3	3.30	1.28	.99	43.3	26.4	10.0	536	66	62	11.0
PIMA S-2	3.90	1.27	1.01	44.7	28.0	10.0	494	38	70	10.3
PIMA S-4	3.50	1.29	1.00	44.2	27.9	10.3	507	54	68	10.8
P-18	3.50	1.33	1.02	46.3	29.2	9.2	534	72	67	10.5
CB 58	3.70	1.23	.97	40.4	24.9	10.5	525	47	69	10.0
PIMA S-1	3.20	1.28	.99	44.2	28.3	10.3	544	71	67	10.0
STROMAN PIMA	3.80	1.26	1.02	42.9	26.6	10.3	491	51	68	10.3

PECOS, TEX.

PIMA S-2	3.50	1.26	1.01	43.2	26.7	9.7	515	37	67	11.0
CB 58	3.60	1.19	.92	41.9	24.7	10.3	511	49	71	9.8
STROMAN PIMA	3.60	1.26	1.02	42.6	26.5	9.9	519	31	67	11.0
P-18	3.10	1.31	1.01	44.3	29.1	9.5	557	50	69	10.8
PIMA S-3	3.10	1.28	.96	42.5	26.3	10.5	563	54	63	11.8
PIMA S-1	3.20	1.25	.99	42.4	26.1	10.7	557	53	67	11.3
PIMA S-4	3.30	1.30	1.01	43.3	27.8	10.5	539	57	66	11.3
P-17	3.30	1.30	1.03	45.2	27.7	8.8	536	50	72	10.0

1965 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Fabens, Texas							
	Stroman's:							
	Pima	Pima	Pima	Pima	Pima	P-17	P-18	Pima
	S-1	S-2	S-3	S-4	P-17	P-18	Pima	CB-58

FIBER TESTS

Raw Cotton

Classer's designation

Grade	A-E-4	A-E-3	A-E-4	A-E-4	A-E-4	A-E-3	A-E-3	A-E-4
Staple	1-7/16	1-7/16	1-7/16	1-7/16	1-7/16	1-7/16	1-3/8	1-7/16
Fibrograph (inches)								
Upper half mean	1.37	1.30	1.41	1.34	1.47	1.39	1.31	1.28
Mean	1.16	1.11	1.16	1.14	1.20	1.18	1.14	1.06
Micronaire	3.27	3.73	3.35	3.48	3.63	3.43	3.50	3.48

Comber Drawing Sliver

Fibrograph (inches)

Upper half mean	1.35	1.34	1.40	1.41	1.47	1.43	1.34	1.30
Mean	1.13	1.15	1.14	1.19	1.25	1.24	1.14	1.09

Stelometer

Tenacity (grams/tex)

$T_0$	40.8	42.0	41.5	42.9	44.3	44.0	42.2	40.7
$T_1$	26.1	26.3	25.6	27.2	27.3	28.4	26.9	24.2
$E_1$	10.3	10.6	10.4	10.8	8.3	9.5	10.2	10.7

Arealometer

A	541	495	515	502	479	524	497	507
D	53	44	44	49	44	46	43	49

SPINNING TESTS

Skein strength

50's combed	73	70	72	71	72	74	69	66
80's combed	40	37	39	39	41	40	38	36

Yarn appearance index

Combed yarns	110	115	110	115	110	110	110	120
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Neps

Carded 4 $\frac{1}{2}$ lbs/hr	8	2	10	3	8	4	3	4
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Waste (percent)

Picker and card	7.4	6.3	8.0	7.1	6.9	7.0	6.6	7.7
Comber	14.9	15.4	15.4	14.7	15.1	14.8	15.2	16.9

1965 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	:	University Park, New Mexico							
	:	Pima	Pima	Pima	Pima	:	:	Stromman's	
	:	S-1	S-2	S-3	S-4	:	P-17	P-18	
	:					:	Pima	CB-58	

FIBER TESTS

Raw Cotton

Classer's designation

Grade	A-E-4	A-E-4	A-E-4	A-E-4	A-E-4	A-E-4	A-E-4	A-E-4
Staple	1-3/8	1-3/8	1-3/8	1-7/16	1-7/16	1-7/16	1-5/16	1-5/16
Fibrograph (inches)								
Upper half mean	1.22	1.24	1.31	1.26	1.30	1.30	1.14	1.17
Mean	0.98	0.99	1.07	1.00	1.00	1.05	0.90	0.93
Micronaire	2.53	2.75	2.40	2.60	2.83	2.70	2.78	2.68

Comber Drawing Sliver

Fibrograph (inches)

Upper half mean	1.28	1.25	1.30	1.30	1.35	1.32	1.25	1.22
Mean	1.06	1.03	1.04	1.06	1.10	1.02	1.05	1.04
Stelometer								
Tenacity (grams/tex)								
T <sub>0</sub>	42.1	42.5	42.1	43.8	45.7	45.6	42.3	39.7
T <sub>1</sub>	26.1	26.9	25.5	27.3	28.9	28.9	27.0	24.4
E <sub>1</sub>	9.9	9.2	9.7	9.6	7.7	8.6	9.4	9.6
Arealometer								
A	616	584	595	585	580	592	592	597
D	74	64	70	71	67	74	68	80

SPINNING TESTS

Skein strength

50's combed	76	70	73	72	75	77	72	70
80's combed	42	39	41	40	40	42	39	39

Yarn appearance index

Combed yarns	95	110	90	105	95	95	105	105
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Neps

Carded 4 $\frac{1}{2}$ lbs/hr	16	12	18	9	15	17	8	15
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Waste (percent)

Picker and card	8.7	7.7	8.6	7.6	8.8	7.3	7.8	9.0
Comber	19.7	17.0	20.6	20.3	20.8	18.3	20.2	21.7

1965 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Safford, Arizona							
	Stroman's							
	Pima	Pima	Pima	Pima	Pima	P-17	P-18	Pima
	S-1	S-2	S-3	S-4				CB-58

FIBER TESTS

Raw Cotton

Classer's designation

Grade	A-E-2	A-E-2	A-E-2	A-E-2	A-E-2	A-E-2	A-E-2	A-E-2
Staple	1-7/16	1-7/16	1-7/16	1-7/16	1-1/2	1-7/16	1-7/16	1-7/16
Fibrograph (inches)								
Upper half mean	1.27	1.21	1.33	1.33	1.40	1.39	1.30	1.25
Mean	1.06	0.98	1.05	1.09	1.14	1.17	1.08	1.02
Micronaire	3.18	3.35	3.20	3.28	3.42	3.28	3.35	3.50

Comber Drawing Sliver

Fibrograph (inches)

Upper half mean	1.34	1.27	1.33	1.35	1.43	1.34	1.28	1.23
Mean	1.11	1.05	1.06	1.09	1.22	1.07	1.08	1.03

Stelometer

Tenacity (grams/tex)

$T_0$	42.8	43.0	41.9	42.8	46.1	43.7	42.2	40.0
$T_1$	26.7	26.8	25.6	26.6	27.1	28.5	27.2	25.3
$E_1$	9.5	9.2	9.9	9.8	7.2	8.7	9.3	9.8
Arealometer								
A	556	516	541	501	506	531	524	519
D	54	45	48	40	49	56	50	47

SPINNING TESTS

Skein strength

50's combed	71	67	69	67	72	72	69	67
80's combed	41	37	39	37	39	39	37	36

Yarn appearance index

Combed yarns	105	105	105	110	105	105	115	115
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Neps

Carded 4 $\frac{1}{2}$ lbs/hr	8	7	6	4	6	4	5	4
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Waste (percent)

Picker and card	6.2	6.6	6.7	5.9	7.3	6.3	6.0	6.7
Comber	16.4	18.4	18.3	17.4	17.7	16.5	17.5	18.4

1965 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST  
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Phoenix, Arizona							
	Pima	Pima	Pima	Pima	Pima	P-17	P-18	Stroman's
	S-1	S-2	S-3	S-4	P-17	P-18	Pima	CB-58

FIBER TESTS

Raw Cotton

Classer's designation

Grade	A-E-5	A-E-5	A-E-6	A-E-5	A-E-6	A-E-5	A-E-6	A-E-5
Staple	1-7/16	1-7/16	1-7/16	1-1/2	1-1/2	1-7/16	1-7/16	1-7/16
Fibrograph (inches)								
Upper half mean	1.36	1.36	1.41	1.47	1.47	1.38	1.32	1.33
Mean	1.15	1.14	1.18	1.22	1.20	1.14	1.12	1.10
Micronaire	3.00	3.25	2.83	3.00	2.83	2.83	3.30	3.08

Comber Drawing Sliver

Fibrograph (inches)

Upper half mean	1.38	1.33	1.37	1.39	1.42	1.37	1.33	1.31
Mean	1.15	1.05	1.10	1.14	1.17	1.13	1.05	1.05

Stelometer

Tenacity (grams/tex)								
T <sub>0</sub>	43.4	44.8	43.8	43.1	45.0	46.1	43.5	42.4
T <sub>1</sub>	27.0	27.7	27.0	27.0	28.4	28.4	28.0	25.0
E <sub>1</sub>	9.3	8.5	8.7	9.4	7.4	8.6	9.0	9.3

Arealometer

A	556	525	568	542	549	592	540	528
D	67	54	70	69	57	69	53	53

SPINNING TESTS

Skein strength

50's combed	77	73	76	73	78	79	73	69
80's combed	43	40	42	40	43	44	41	38

Yarn appearance index

Combed yarns	105	120	105	105	105	105	115	110
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Neps

Carded 4½ lbs/hr	7	8	12	5	9	10	8	8
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Waste (percent)

Picker and card	9.4	7.6	9.9	7.4	9.6	8.3	7.3	8.7
Comber	16.7	16.5	16.8	17.4	16.8	17.1	16.9	18.1

## APPENDIX

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The staff of the Agricultural Research Service's U.S. Cotton Fiber and Spinning Laboratories, University of Tennessee, Knoxville, Tenn., led by P. R. Ewald, conducted the fiber and spinning tests. Fiber testing was conducted by Smith Worley, Jr.; spinning tests, by C. B. Landstreet.

The staff of Biometrical Services, Beltsville, Md., performed the statistical analysis and tabulation of data.

The interest and cooperation of the commercial cottonseed firms of the United States are also acknowledged. For the most part, seed for planting of the regional entries were contributed by the commercial firms. Seed of varieties used as national standards were supplied by the following organizations: Auburn 56--Foundation Seed Stocks Farm, Department of Agronomy and Soils of Auburn University, Auburn, Ala.; Deltapine Smooth Leaf--Delta and Pine Land Co., Scott, Miss.; and Stoneville 7A--Stoneville Pedigreed Seed Co., Stoneville, Miss.

Joint Cotton Breeding Policy Committee  
(As of January 1966)

J. A. Ewing, Director, Agricultural Experiment Station, University of Tennessee, Knoxville, Tenn. (Chairman).  
J. Ritchie Smith, Assistant Director, Production and Marketing Division, National Cotton Council, Memphis, Tenn. (Secretary).  
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E. C. Ewing, Jr., Vice President, Delta and Pine Land Co., Scott, Miss.  
W. L. Giles, President, Mississippi State University, State College, Miss.  
H. D. Loden, Division Manager, Paymaster Farms, Anderson, Clayton & Co., Abiline, Tex.  
R. L. Lovvorn, Director, North Carolina Agricultural Experiment Station, Raleigh, N.C.  
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B. M. Waddle, Chief, Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S.D.A., Beltsville, Md.

National Cotton Variety Testing Committee  
(As of January 1966)

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